



# Muskegon County Public Works Board Meeting

Malinda Pego, Chairman  
Rillastine Wilkins, Vice-Chairman

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February 3, 2022 at 3:00 PM

Michael E. Kobza Hall of Justice  
4th Floor, 990 Terrace Street  
Muskegon, MI 49442

To virtually participate refer to the bottom of the Agenda.

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## AGENDA

1. **Roll Call**
2. **Approval of Agenda**
3. **Approval of Minutes of January 6, 2022**
  - A. Approval of the minutes from the January 6, 2022 Board of Public Works meeting
4. **Public Comment (on an agenda item)**

Persons may address the Board during the time set aside for Public Comment or at any time by suspension of the rules. All persons must address the Board and state their name for the record. Comments shall be limited to **two (2) minutes** for each participant, unless time is extended prior to the public comment period by a vote of a majority of the Board.
5. **Items for Consideration**
  - A. **Matt Farrar BPW22/01-13** Move to authorize staff to bid the gas collection system expansion project.
  - B. **David Johnson BPW22/01-14** Move to reclassify the position of Engineering, Operations & Maintenance Manager (position X92501, pay grade NX-00362, \$33.676/hr - \$42.439/hr) to Operations Supervisor with pay grade NX-00345, \$33.254/hr - \$41.727/hr), effective February 23, 2022.
  - C. **David Johnson BPW22/01-15** Move to authorize the Resource Recovery Center's sale of two used trucks in accordance with the County's Surplus Disposal Policy & Procedure.
  - D. **David Johnson BPW22/01-16** Move to authorize Prein&Newhof to proceed with the pre-engineering soil study needed to determine the necessary design features of the A to C force main, at a cost not to exceed \$58,500.00.
  - E. **David Johnson BPW22/01-17** Move to authorize the Procurement Office to solicit bids for the purchase of lubricants and other fleet maintenance chemicals to be used by the Resource Recovery Center.
  - F. **David Johnson BPW22/01-18** Move to authorize Grand River Construction to put in an office for the Resource Recovery Center Operations Maintenance Supervisor at a cost of \$32,940.00 and authorize the amending of the RRC FY2022 Capital Budget accordingly.
  - G. **David Johnson BPW22/01-19** Move to authorize the Resource Recovery Center to utilize the services of Michigan Registered Forester Randy Kuipers to execute their

*Forest and Wildlife Management Plan* for an additional five years, with a 14% commission on timber sales, beginning March 16, 2022.

- H. **David Johnson BPW22/01-20** Move to approve the first of two possible one-year extensions of the contract with RS Technical for flow meter calibration services at \$31,080.00 per year and flow meter repair services at \$125.00/hour.
- I. **David Johnson BPW22/01-21** Move to approve the Sheriff Department's lease of 7,031 sq. ft of space in the Resource Recovery Center's Zelenka Building for cold storage at the rate of \$500.00 per month.
- J. **David Johnson BPW22/01-22** Move to authorize the solicitation of bids for the sale of alfalfa in fields 9, 11, 15, 15A, 24, 28, 32, and 36 at the Resource Recovery Center.

**6. Informational Items**

- A. Information items to be placed on file.

**7. Unfinished Business**

**8. New Business**

**9. Public Comment**

**10. Final Board Comments**

**11. Adjournment**

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**AMERICAN DISABILITY ACT POLICY FOR ACCESS TO OPEN MEETINGS OF THE MUSKEGON COUNTY BOARD OF COMMISSIONERS AND ANY OF ITS COMMITTEES OR SUBCOMMITTEES**

The County of Muskegon will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at the meeting, to individuals with disabilities who want to attend the meeting upon 24-hours' notice to the County of Muskegon. Individuals with disabilities requiring auxiliary aids or services should contact the County of Muskegon by writing or calling: Administration, 990 Terrace Street, Muskegon, MI 49442 (231) 724-6520

Connect to Zoom from your computer, tablet or smartphone at:  
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**Muskegon County  
Board of Public Works**

January 6, 2022

3:00p.m.

Hall of Justice, 4<sup>th</sup> Floor

990 Terrace Street, Muskegon, MI 49442

*Malinda Pego, Chair*  
*Rillastine R. Wilkins, Vice Chair*  
*Brenda M. Moore, Secretary*

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**MINUTES**

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**CALL TO ORDER**

The meeting was called to order by Commissioner Pego at 3:00p.m.

**ROLL**

Present: Doug Brown, Muskegon County Commissioner  
Kim Cyr, Muskegon County Commissioner  
Leo Evans, Ex-officio Member  
Susie Hughes, Muskegon County Commissioner  
Zach Lahring, Muskegon County Commissioner  
Brenda Moore, Water Resources Commissioner  
Charles Nash, Muskegon County Commissioner  
Malinda Pego, Muskegon County Commissioner  
Robert Scolnik, Muskegon County Commissioner [arrived at 3:21p.m.]  
Rillastine Wilkins, Muskegon County Commissioner

Excused: Jennifer Hodges, Ex-officio Member

**Staff**

Present: Matthew Farrar, Public Works Director  
Tina Nash, Public Works Coordinator  
Dave Johnson, Resource Recovery Center Director  
Kristin Barnhill, Executive Assistant to the County Administrator/Community Relations Coordinator  
Mark Eisenbarth, County Administrator  
Michael D. Homier, Corporate Counsel  
Mark Hansen, Information Technology Manager  
Michael J. Poulin, Sheriff

### **ELECTION OF OFFICERS**

Moved by Commissioner Lahring, seconded by Commissioner Pego, to keep the Board of Public Works officers the same.

VOICE VOTE: **Motion carried**

### **APPROVAL OF THE AGENDA**

Moved by Commissioner Wilkins, seconded by Commissioner Hughes, to remove item BPW22/01-05 and approved the agenda as amended.

VOICE VOTE: **Motion carried**

### **APPROVAL OF MINUTES**

Moved by Commissioner Nash, seconded by Commissioner Brown, to approve the minutes of the Board of Public Works meeting held on December 2, 2021.

VOICE VOTE: **Motion carried**

### **PUBLIC COMMENT ON AN AGENDA ITEM**

None

### **ITEMS FOR CONSIDERATION:**

**BPW22/01-01** Moved by Commissioner Hughes, seconded by Commissioner Nash, to approve Muskegon County Regional Water System to participate with the Michigan Department of Health and Human Services and the Mid Michigan Community Action Agency in the Low Income Household Water Assistance Program per the terms of the attached Memorandum of Understanding and authorize the Board Chair to sign the same.

Matthew Farrar stated this only covers the County's water system customers. The County's water system includes Dalton Township, Fruitland Township, Laketon Township, and Muskegon Charter Township. Leo Evans stated the City of Muskegon also participates in this program.

Members of the Board requested Matthew Farrar forward the information to the City of Muskegon Heights.

Roll call:

Yes – Brown, Cyr, Hughes, Lahring, Moore, Nash, Wilkins, Pego

No –

Absent - Scolnik

**Motion carried**

**BPW22/01-02** Moved by Commissioner Nash, seconded by Commissioner Hughes, to authorize staff to submit the Intent To Apply Form to the Clean Water and Drinking Water Revolving Fund and authorize the chair to sign the same.

VOICE VOTE: **Motion carried**

**BPW22/01-03** Moved by Commissioner Nash, seconded by Commissioner Brown, to approve the waiver of tipping fees for the Free Dump Day Program in 2022.

It was requested Matthew Farrar provide a schedule showing the municipalities participating and the dates/times the municipalities will offer the free dump day.

VOICE VOTE: **Motion carried**

**BPW22/01-04** Moved by Commissioner Nash, seconded by Commissioner Hughes, to authorize the Department of Public Works to submit the application to the Michigan Department of Environment, Great Lakes, and Energy the 2022 Scrap Tire Cleanup Grant Program and accept if granted.

VOICE VOTE: **Motion carried**

**BPW22/01-05** Moved by Commissioner \_\_\_\_\_, seconded by Commissioner \_\_\_\_\_, to approve the Department of Public Works as appointed by the Muskegon County Board of Public Works to conduct all solid waste planning to partner with the West Michigan Sustainable Business Forum to apply and execute the EGLE Materials Management County Engagement grant for \$12,000 and authorize the Board Chair to sign any necessary agreements.

*BPW22/01-05 was removed from agenda*

**BPW22/01-06** Moved by Commissioner Hughes, seconded by Commissioner Nash, to approve the solicitation of Procurement-level quotes for an arc flash audit for the Resource Recovery Center's electrical equipment.

Dave Johnson stated the selected company will post signs and will notify them of items that are of high and low risk. Dave Johnson stated this is required by OSHA every 5 years.

VOICE VOTE: **Motion carried**

**BPW22/01-07** Moved by Commissioner Nash, seconded by Commissioner Hughes, to approve the solicitation of bids for a new GC/MS for the Resource Recovery Center laboratory.

VOICE VOTE: **Motion carried**

**BPW22/01-08** Moved by Commissioner Hughes, seconded by Commissioner Wilkins, to approve the solicitation of Procurement-level quotes for the purchase of Solid Phase Extraction Equipment for the Resource Recovery Center laboratory.

VOICE VOTE: **Motion carried**

**BPW22/01-09** Moved by Commissioner Hughes, seconded by Commissioner Brown, to approve the solicitation of bids for the purchase of six grain wagons for the Resource Recovery Center farm.

VOICE VOTE: **Motion carried**

**BPW22/01-10** Moved by Commissioner Hughes, seconded by Commissioner Nash, to approve the vendor and contractor relationships outlined in the attached list be approved to continue under existing arrangements through September 30, 2022.

Dave Johnson stated these are frequently used vendors that need to be paid in a timely manner.

Commissioner Scolnik arrived [3:21p.m.]

VOICE VOTE: **Motion carried**

**BPW22/01-11** Moved by Commissioner Hughes, seconded by Commissioner Nash, to approve the five-year Memorandum of Agreement between the Michigan Department of Natural Resources Wildlife Division and the Board of Public Works for cooperating with the Muskegon State Game Area in improving the managed waterfowl hunt by leaving strips of standing corn and corn stubble at the Resource Recovery Center for \$700.00 per strip with a maximum of eleven strips per season, and authorize the Board Chair to sign same.

VOICE VOTE: **Motion carried**

**BPW22/01-12** Moved by Commissioner Nash, seconded by Commissioner Wilkins, to authorize the purchase of a new 2021 Ford F150 Police Responder 4x4 Pickup through MiDeal for the deputy assigned to patrol the grounds of the Resource Recovery Center and the upfitting of the vehicle (in accordance with the Agreement between Muskegon County Wastewater Facility and Muskegon County Sheriff Office for Law Enforcement Personnel) for a total of \$63,077.39, and to amend the budget accordingly.

Discussion ensued regarding the budgeted amount for the vehicle, the type of vehicle requested, the condition of the current vehicle, the agreement and its terms and costs, and if a deputy is needed for the RRC site.

Sheriff Poulin provided statistics for Deputy Scott VanderVeen. Sheriff Poulin stated approximately 65% of calls of service were related to the RRC property.

Discussion continued regarding the safety of the public and the various groups that use the RRC site, the need to protect the infrastructure at the RRC site, and the hours of coverage by the deputy.

Dave Johnson praised the RRC Deputy Scott VanderVeen for the job he does at the RRC site.

Moved by Commissioner Lahring, seconded by Chair Pego, to table BPW22/01-12 for more information to the next Board of Public Works meeting.

Roll call:

Yes – Cyr, Lahring, Pego

No – Brown, Hughes, Moore, Nash, Scolnik, Wilkins

**Motion failed**

**Vote on original motion BPW22/01-12**

Roll call:

Yes – Hughes, Moore, Nash, Scolnik, Wilkins, Brown

No – Cyr, Lahring, Pego

**Motion carried**

**Informational Items:**

The following informational items were received and placed on file:

1. Public Works Monthly Operations Report, December 2021.
2. Wastewater Monthly Operating Report, December 2021.
3. Muskegon Municipal Wastewater Management Committee Minutes, Dec. 2021 (draft)

**UNFINISHED BUSINESS**

None

**NEW BUSINESS**

Commissioner Hughes commented on the amount of blown trash around the landfill because of the high winds in recent weeks. Commissioner Hughes stated the company contracted to pick-up the blown trash does a really good job and questioned if they were being reimbursed appropriately due the new cell that was put in service. Matthew Farrar stated they did have a price increase this year and it will be looked at again this year.

**PUBLIC COMMENT ON A NEW ITEM**

None

**FINAL BOARD COMMENT**

Commissioner Scolnik commented on how low the reported wastewater flow was. Dave Johnson stated this is a record low for them. Dave Johnson stated the water table went down, lake levels went down, municipalities made repairs to their sewer systems, and the RRC lost a major customer (Bayer Cropscience) as examples of things that have contributed to the decrease in flow. Discussion ensued on increasing flow.

Administrator Eisenbarth stated there is EDA funding called Economic Adjustments for water projects. Administrator Eisenbarth asked Dave Johnson and Matthew Farrar to look into this. Administrator Eisenbarth stated the EDA is looking for additional applicants for the funds available.

Water Resources Commissioner Moore stated the need to focus on redeveloping the urban core.

Water Resources Commissioner Moore asked Dave Johnson if the RRC Farm is MAEAP certified. Dave Johnson stated he would look into this.

**ADJOURN**

There being no further business to come before the Board of Public Works the meeting was adjourned at 4:06p.m.

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Malinda Pego, Chair

Preliminary Minutes  
To be approved at the February 3, 2022 Board of Public Works Meeting

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** Matt Farrar  
**Requesting Department:** Public Works  
**Budgeted:** Yes  
**Partially Budgeted:** No

**Committee Date:**  
**Full Board Date:**  
**Agenda Number:** BPW22/01-13

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### **Suggested Motion:**

Move to authorize staff to bid the gas collection system expansion project.

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### **Summary of Request:**

Staff is requesting authorization to bid the landfill gas collection system expansion.

The landfill is required by the Renewable Operating Permit to expand the landfill gas collection wellfield within 5 years of adding waste to the landfill footprint or when that waste is at final waste grades. The remainder of Cell 4/5 is near final waste grade and gas collection must be installed.

At the November 4, 2021 meeting, the Board of Public Works authorized Golder Associates for the design, bidding, field inspection, and reporting services for this phase of landfill gas wellfield installation.

The approved 2022 budget includes \$1,120,000 for design and installation for this expense. (General description of financing, other operational impact and other alternatives.)

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### **Attachments:** None

\_\_\_\_\_  
Angela Gasiewski, Finance Manager

Date: January 21,  
2022

\_\_\_\_\_  
Mark Eisenbarth, County Administrator

Date: January 22,  
2022

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** David Johnson

**Requesting Department:** Resource Recovery Center

**Budgeted:** Yes

**Partially Budgeted:** No

**Committee Date:**

**Full Board Date:**

**Agenda Number:** BPW22/01-14

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### Suggested Motion:

Move to reclassify the position of Engineering, Operations & Maintenance Manager (position X92501, pay grade NX-00362, \$33.676/hr - \$42.439/hr) to Operations Supervisor with pay grade NX-00345, \$33.254/hr - \$41.727/hr), effective February 23, 2022.

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### Summary of Request:

The Resource Recovery Center requests permission to reclassify the position of Engineering, Operations & Maintenance Manager (position X92501, pay grade NX-00362, \$33.676/hr - \$42.439/hr) to Operations Supervisor with pay grade NX-00345, \$33.254/hr - \$41.727/hr), to go into effect on February 23, 2022. The reason for the reclassification is that the engineering duties previously associated with this position are being removed. The reclassified position will focus on the supervision of collection system and irrigation operators and on assisting the Resource Recovery Center Engineer & Project Manager.

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### Attachments: None

\_\_\_\_\_  
Kristen Wade, Human Resources  
Director

Date: January 21,  
2022

\_\_\_\_\_  
Angela Gasiewski, Finance Manager

Date: January 21,  
2022

\_\_\_\_\_  
Mark Eisenbarth, County Administrator

Date: January 22,  
2022

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** David Johnson

**Requesting Department:** Resource Recovery Center

**Budgeted:** Yes

**Partially Budgeted:** No

**Committee Date:**

**Full Board Date:**

**Agenda Number:** BPW22/01-15

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### **Suggested Motion:**

Move to authorize the Resource Recovery Center's sale of two used trucks in accordance with the County's Surplus Disposal Policy & Procedure.

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### **Summary of Request:**

The Resource Recovery Center requests permission to sell two used vehicles that have recently been replaced.

2004 Chevy Silverado 4x4 truck with 215,567 miles. Approximate value: \$1,000

2007 Chevy Silverado 4x4 truck with 158,264 miles. Approximate value: \$3,000

The value listed for the 2004 Silverado reflects the fact that its severely rusted frame makes it unroadworthy. The value listed for the 2007 Silverado reflects the fact that it has some body damage on the passenger side.

The Department will follow the protocol given in the County's Surplus Disposal Policy & Procedure.

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### **Attachments:** None

\_\_\_\_\_  
Angela Gasiewski, Finance Manager

Date: January 21,  
2022

\_\_\_\_\_  
Mark Eisenbarth, County Administrator

Date: January 22,  
2022

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** David Johnson

**Requesting Department:** Resource Recovery Center

**Budgeted:** Yes

**Partially Budgeted:** No

**Committee Date:**

**Full Board Date:**

**Agenda Number:** BPW22/01-16

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### Suggested Motion:

Move to authorize Prein&Newhof to proceed with the pre-engineering soil study needed to determine the necessary design features of the A to C force main, at a cost not to exceed \$58,500.00.

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### Summary of Request:

One of the Resource Recovery Center's FY2022 capital improvement projects is the replacement of the force main that connects A Station (895 Witham Road in Muskegon Township) to C Station (633 Ottawa Avenue in Muskegon). This two-mile force main contains some of the oldest pipe in use in the Resource Recovery Center's collection system (pre-1972). Attached is a proposal from Prein&Newhof, the RRC's contracted provider of engineering services, for the pre-engineering needed for this project. The pre-engineering consists of doing a study of the subsoils over the route of the force main. The force main route is challenging in that it crosses the branches of the Muskegon River and other wetlands and passes through soils impacted by Cobb Plant fly ash. The types of soils encountered will determine many of the design features of the force main. The Department recommends moving forward with the pre-engineering soil study, which is quoted at a cost not to exceed \$58,500.00.

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### Attachments:

1. P&N Geotech Proposal, A to C Force Main

Date: January 21,  
2022

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Angela Gasiewski, Finance Manager

Date: January 22,  
2022

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Mark Eisenbarth, County Administrator

January 3, 2022

Mr. Dave Johnson, Director  
Muskegon County Resource Recovery Center  
698 N Maple Island Road  
Muskegon, MI 49442

RE: Proposed Force Main from Pump Station A to Pump Station C  
Geotechnical Investigation

Dear Dave:

The MCRRC is planning to replace/upsized the PS A to PS C force main as part of its asset management program. While preparing the proposed engineering scope of work for the project, it has become apparent that the soils along the existing/proposed force main route will add substantial challenges to the design and construction of the replacement force main. Further, until the extent of the soils challenge is understood, preparation of a clear scope of engineering needs is not possible. As such, we are proposing to break the design process into two phases: a geotechnical phase and a design phase. The geotechnical investigation would be completed first and then a design proposal would follow.

We have subsequently prepared the following professional engineering services proposal to perform the geotechnical investigation phase for the proposed force main. A review of available subsurface data indicates the presence of deep deposits of organic soils along most of the proposed route which will likely require that portions of the force main be supported on pile foundations. Therefore, we have included deep soil borings to fully investigate this potential foundation system.

### **Scope of Services**

The field investigation will include the drilling of 18 soil borings located as shown on the attached boring location plan. Prior to drilling, we will contact the MISSDIG system to locate underground utilities. As part of this effort, we anticipate that the county will locate its existing utility lines along the proposed route. The borings will be drilled to depths of 20 to 80 each for a total drilling quantity of 840 lineal feet. Within each boring we will collect soil samples at regular depth intervals using the Standard Penetration Test method.

All drilling operations will be performed under adequate traffic control and the borings performed adjacent to Business US-31 will be drilled according to MDOT protocol, including and MDOT permit. Drilling and sampling operations will be observed by a geotechnical engineer or geologist with our firm who will classify the encountered soils and prepare a soil boring log and revise drilling operations as necessary. At the completion of drilling operations, we will backfill the borings with excavated soils, except for the borings located within MDOT right-of-way, which are required to be backfilled with cement grout.

Mr. Johnson  
January 3, 2022  
Page 2

Due to winter/spring weather and soft ground conditions, we anticipate that an ATV-mounted drill rig will be required to gain access to the boring locations and have included the cost for its use in our fee estimate.

Following drilling operations, we will perform laboratory testing to further define the properties of the encountered subsoils. We will evaluate the field and laboratory test data and prepare a report presenting our findings and recommendations for installing and supporting the proposed force main.

### **Project Schedule**

Upon authorization, we anticipate that we can mobilize to the site within six weeks and that drilling can be completed in 12 days. We can provide verbal evaluations shortly following the completion of drilling and submit our final report within about three to four weeks thereafter.

### **Fee Estimate**

Based on the assumptions noted above, we have prepared an estimate to complete the specified activities. We propose to perform these services on a time and material basis with a cost not to exceed \$58,500.

Work will be completed in accordance with the Engineering Consulting Professional Services Agreement.

Thank you for the opportunity to assist you. If you have any questions on the proposal, please do not hesitate to contact us. We look forward to working with you on this project.

Sincerely,

### **Prein&Newhof**

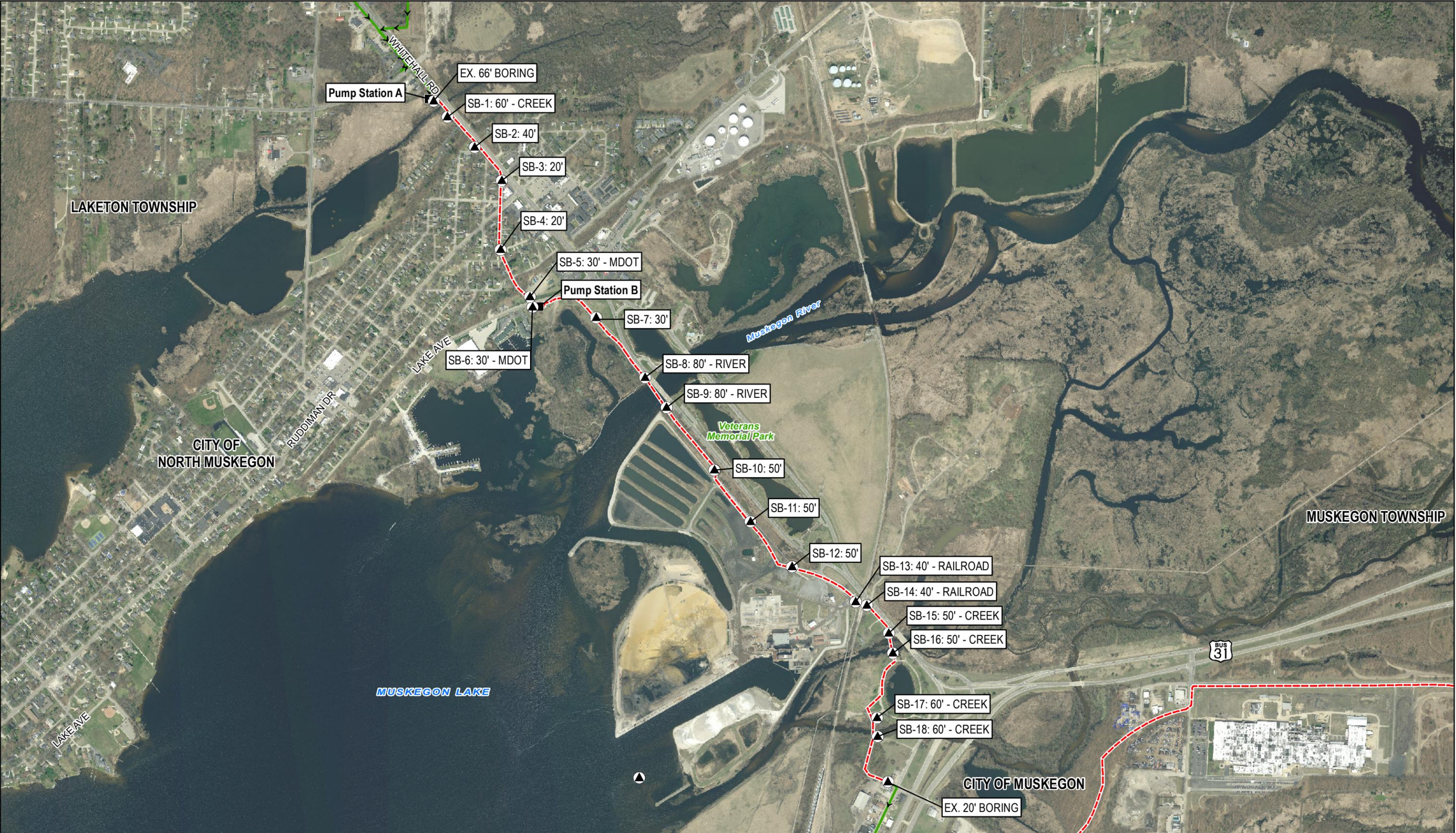


Christopher J. Cruickshank, P.E.



Mark R. Prein, P.E.

Enclosures: Proposed Soil Boring Location Plan



J:\GIS\_Proposals\2022-01 MCWMS\Soil Boring Location Plan.mxd - PNEJD - 1/3/2022 11:36:02 AM



SCALE: 1" = 1,000'

**LEGEND**

- ▲ Proposed Soil Boring Location
- Ex. Pump Station
- Ex. Force Main
- Ex. Gravity Main

MUSKEGON COUNTY RESOURCE RECOVERY CENTER  
FORCEMAIN GEOTECHNICAL INVESTIGATION

**PROPOSED SOIL BORING LOCATION PLAN**

Prein&Newhof

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** David Johnson

**Requesting Department:** Resource Recovery Center

**Budgeted:** Yes

**Partially Budgeted:** No

**Committee Date:**

**Full Board Date:**

**Agenda Number:** BPW22/01-17

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### **Suggested Motion:**

Move to authorize the Procurement Office to solicit bids for the purchase of lubricants and other fleet maintenance chemicals to be used by the Resource Recovery Center.

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### **Summary of Request:**

The Resource Recovery Center requests permission from the Board of Public Works to solicit bids for the purchase of lubricants and other fleet maintenance chemicals.

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**Attachments:** None

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Angela Gasiewski, Finance Manager

Date: January 21,  
2022

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Mark Eisenbarth, County Administrator

Date: January 22,  
2022

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** David Johnson

**Requesting Department:** Resource Recovery Center

**Budgeted:** No

**Partially Budgeted:** No

**Committee Date:**

**Full Board Date:**

**Agenda Number:** BPW22/01-18

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### Suggested Motion:

Move to authorize Grand River Construction to put in an office for the Resource Recovery Center Operations Maintenance Supervisor at a cost of \$32,940.00 and authorize the amending of the RRC FY2022 Capital Budget accordingly.

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### Summary of Request:

The Resource Recovery Center requests permission to put an office for the RRC Operations Maintenance Supervisor in the Ops Maintenance Building. Prior to April, 2021, one supervisor was assigned to both the Ops Maintenance and Fleet Maintenance Divisions. Because a decision was made to split the supervision of the two divisions among two supervisors, it has become necessary to add another office. The Department obtained three quotes for office construction (see attached) and recommends accepting the low quote from Grand River Construction for \$32,940.00. The addition of the office was not budgeted for FY2022. Therefore, the construction will be paid for out of RRC reserve funds. The cost of the construction will be added to the revised FY2022 capital budget. (Submitted by Dave Johnson)

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### Attachments:

1. Office Construction Quotes

Date: January 21,  
2022

\_\_\_\_\_  
Angela Gasiewski, Finance Manager

Date: January 22,  
2022

\_\_\_\_\_  
Mark Eisenbarth, County Administrator



## Grand River Construction, Inc.

Commercial and Industrial General Contractor • Facilities Services • Concrete Specialist

Page 1 of 1

12/17/2021

Christine Morris  
Muskegon County Wastewater Management  
698 N. Maple Island Road  
Muskegon, MI 49442  
Ph: 231-740-9389

Re: Muskegon WWT Operations office

Grand River Construction, Inc. Is pleased to provide this proposal for the following work.

Maintenance Building Office:

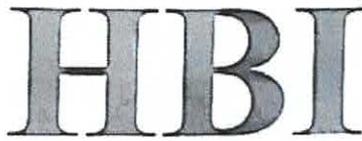
- Furnish and install (2) steel stud and drywall walls. Insulate walls for sound.
- Install hollow metal door and frame with half-light door.
- Install ceiling tile and grid.
- Extend existing HVAC duct into new ceiling diffuser.
- Install (4) 2'x4' LED lay in troffer fixture
- Install (1) occupancy sensor wall switch
- (4) double duplex receptacle
- All conduit and wire from existing panel to switches, receptacles and light fixtures.
- Install (1) 3'x5' window, clear anodized frame to match existing windows.
- Prime and Paint walls.
- Install laminate flooring to match existing in breakroom.
- Base Bid \$ 32,940.00

Clarifications:

- Excludes permits.
- Excludes phone/data conduit, cable, or connections.
- Pricing is valid for 30 Days.

Sincerely,  
Grand River Construction, Inc.

Nike Van Andel  
Project Manager



# PROPOSAL

## HUGHES BUILDERS INC

3279 E. LAKETON AVE.  
MUSKEGON, MI 49442  
PHONE - 231-773-0077

Date: 12-27-2021

**PROPOSAL SUBMITTED TO:**  
Muskegon County Wastewater  
Muskegon, MI 49442

**WORK TO BE PREFORMED AT**  
Add Mezzanine Office

This Proposal includes the furnishing of all materials and performances of all labor necessary for the completion of the following described items:

**Remodel the mezzanine adding 1 office : Bid Includes:**

- 1.) Add 1 - 12' x 25' steel stud offices with 5/8" drywall. Prime & paint all 4 walls.
- 2.) Install 4 double duplex outlets in new walls. Add ( 4 ) LED - lights. Install - 1-occupancy sensor wall switch. Supply & install wire to power supply.
- 3.) Sound insulate walls. Add 1 - 3' x 5' insulated aluminum window to exterior wall,
- 4.) Supply & install 1 - 3' x 6'8" steel door with window to match existing.
- 5.) Supply & install new laminate floor covering and vinyl base.
- 6.) Tie into existing heat duct. Supply 2'x 2' suspended ceiling. Add cold air vent.
- 7.) Clean up and dispose of debris.

**TOTAL PRICE INCLUDING LABOR, MATERIALS, TAX AND FREIGHT.....\$ 45,974.00**

### PAYMENT SCHEDULE

**Down Payment: Fifty (50%) percent of the contract is due when contract is signed.**

Monthly Progress Payments for work completed and material stored by the end of the month is to be paid by the 10<sup>th</sup> of the following month. Any moneys not paid when due to either party under this Contract shall bear interest at the rate of one and half(1.5%) percent per month. We will attempt to repair the leaks on this roof but because we did not install it originally we offer no warranty.

This proposal is subject to standard terms and conditions of sale. If the contractor is delayed in the progress of the Project by acts or neglect of the owner, owner's employees, separate contractors employed by the owner, change ordered in work not caused by the fault of the contractor, labor disputes, fire, unusual delay in transportation, adverse weather conditions not reasonably anticipatable, unavoidable casualties, or other causes beyond the contractors control, the contract time shall be reasonably extended. Any additions required by governmental agencies or price increases by vendors and not covered in this Contract are the responsibility of the owner. Revisions and differences shall be subject to negotiation. Sales Tax included. This proposal effective for ten (10) days.

**ACCEPTED:**

**HUGHES BUILDERS, INC**

BY: \_\_\_\_\_

BY: John J. Hughes

FIRM: \_\_\_\_\_

ITS: CEO



# PROPOSAL

Date	Proposal No.
December 6, 2021	21711.00

**PROPOSAL SUBMITTED TO:**  
 Muskegon County Resource Recovery  
 Attn: Mrs. Christine Morris  
 698 N. Maple Island Rd  
 Muskegon, Mi 49442

**RE:** Office upstairs in existing Mezzanine.  
 Bid includes labor, material and equipment to create office space approximately 20' x 14' and perform the following. Per walk thru with Christine.  
**Demolition:** Remove exterior wall for new door.  
**Rough Carpentry:** frame opening for new window, and door, metal stud framing with insulation.  
**Drywall:** 5/8" drywall tape and mud.  
**Paint:** Painting of walls.  
**Flooring:** Vinyl Flooring with vinyl base.  
**Ceiling:** 2'x2' acoustical tile with suspended grid.  
**Door:** Hollow metal door and hollow metal frame with lever set, and hinges  
**Window:** Aluminum window clear anodized with insulated glass, 5' wide by 3' high.  
**Electrical:** Switch, Outlet, and light fixtures.(\$5,000.00)  
**Mechanical:** Diffusers and duct work.

<i>Thank you for the opportunity to submit this Proposal.</i>	<b>Base Bid: \$34,895.00</b>
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All material is guaranteed to be as specific, and the above work to be performed in accordance with the drawings and specifications submitted for above work and completed in a substantial workmanlike manner.  
 Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance upon above work.  
 Workers' Compensation and Public Liability Insurance on above work to be taken out by MQB.  
 NOTE: THIS PROPOSAL MAY BE WITHDRAWN BY US IF NOT ACCEPTED WITHIN 30 DAYS.

Respectfully Submitted,  


**ACCEPTANCE OF PROPOSAL**  
 The above prices, specifications and conditions are satisfactory and hereby accepted. You are authorized to do the work as specified.

Signature \_\_\_\_\_ Date \_\_\_\_\_

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** David Johnson

**Requesting Department:** Resource Recovery Center

**Budgeted:** Yes

**Partially Budgeted:** No

**Committee Date:**

**Full Board Date:**

**Agenda Number:** BPW22/01-19

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### Suggested Motion:

Move to authorize the Resource Recovery Center to utilize the services of Michigan Registered Forester Randy Kuipers to execute their *Forest and Wildlife Management Plan* for an additional five years, with a 14% commission on timber sales, beginning March 16, 2022.

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### Summary of Request:

On March 16, 2017, the Board authorized the Resource Recovery Center to use Michigan Registered Forester Randy Kuipers to provide forestry services for the execution of our *Forest and Wildlife Management Plan*. (The Forest and Wildlife Management Plan was approved by the Board on October 13, 2016.) Mr. Kuipers's duties have included identifying timber to be removed and arranging all aspects of timber sales and harvesting. His compensation is 14% of the income that the Department makes from each sale of timber. Because the *Forest and Wildlife Management Plan* involves long-range management over many years, we initially requested permission to employ Mr. Kuipers's services for five years. We made known our intention at that time that we would approach the Board for a five-year extension of his services if both parties mutually agreed to continue working together. Because the extension of the working relationship between Mr. Kuipers and the RRC is mutually agreeable to both parties, the Department now requests the Board's permission to utilize Mr. Kuipers's services in the same manner and with the same compensation for an additional five years, starting from March 16, 2022. Over the course of the 5-year Agreement with Mr. Kuipers, the Resource Recovery Center has netted \$276,946.38 in timber sales, all while improving the health of our forest natural resources.

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**Attachments:** None

Date: January 21,  
2022

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Angela Gasiewski, Finance Manager

Date: January 22,  
2022

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Mark Eisenbarth, County Administrator

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** David Johnson

**Requesting Department:** Resource Recovery Center

**Budgeted:** Yes

**Partially Budgeted:** No

**Committee Date:**

**Full Board Date:**

**Agenda Number:** BPW22/01-20

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### **Suggested Motion:**

Move to approve the first of two possible one-year extensions of the contract with RS Technical for flow meter calibration services at \$31,080.00 per year and flow meter repair services at \$125.00/hour.

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### **Summary of Request:**

On February 4, 2021, the Board awarded RS Technical the contract for calibrating the Resource Recovery Center's flow meters. The contract was for one year with the option of up to two one-year extensions if agreed to by the vendor and approved by a vote of the Board. The vendor is agreeable to extending the contract for an additional year. The contract pricing is \$31,080.00 a year for quarterly calibration of 35 flow meters used for billing and annual calibration of 10 flow meters used to monitor internal processes, and \$125.00/hour for flow meter repair services as needed. The Department requests the Board's approval to extend the contract for an additional year. This would be the first of two possible extensions.

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### **Attachments:** None

\_\_\_\_\_  
Angela Gasiewski, Finance Manager

Date: January 21,  
2022

\_\_\_\_\_  
Mark Eisenbarth, County Administrator

Date: January 22,  
2022

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** David Johnson

**Requesting Department:** Resource Recovery Center

**Budgeted:** Yes

**Partially Budgeted:** No

**Committee Date:**

**Full Board Date:**

**Agenda Number:** BPW22/01-21

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### Suggested Motion:

Move to approve the Sheriff Department's lease of 7,031 sq. ft of space in the Resource Recovery Center's Zelenka Building for cold storage at the rate of \$500.00 per month.

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### Summary of Request:

The Resource Recovery Center and the Sheriff Department have reached a verbal agreement by which the Sheriff Department will lease 7,031 sq. ft. of space in a building known as the Zelenka Building on RRC property south of Apple Avenue for cold storage at the rate of \$500.00 per month. The Muskegon Municipal Wastewater Management Committee approved this relationship by unanimous vote at their meeting in December, 2021. The RRC now requests final approval of this relationship by the Board of Public Works.

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**Attachments:** None

\_\_\_\_\_  
Angela Gasiewski, Finance Manager

Date: January 21,  
2022

\_\_\_\_\_  
Mark Eisenbarth, County Administrator

Date: January 22,  
2022

# Muskegon County Public Works Board

## Request for Board Consideration

**Requestor:** David Johnson

**Requesting Department:** Resource Recovery Center

**Budgeted:** Yes

**Partially Budgeted:** No

**Committee Date:**

**Full Board Date:**

**Agenda Number:** BPW22/01-22

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### **Suggested Motion:**

Move to authorize the solicitation of bids for the sale of alfalfa in fields 9, 11, 15, 15A, 24, 28, 32, and 36 at the Resource Recovery Center.

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### **Summary of Request:**

The Resource Recovery Center requests permission from the Board of Public Works to solicit bids for the sale of alfalfa planted in fields 9, 11, 15, 15A, 24, 28, 32, and 36 for the next four years. The combined area of these fields is about 700 acres.

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### **Attachments:** None

\_\_\_\_\_  
Angela Gasiewski, Finance Manager

Date: January 21,  
2022

\_\_\_\_\_  
Mark Eisenbarth, County Administrator

Date: January 22,  
2022

*The Public Works Department/Facilities Management strives to provide a variety of quality services to the residents, employees and municipalities of Muskegon County in an efficient, cost effective and courteous manner. Our goal is to work towards a better quality of life for all residents living and working in the County.*

## SOLID WASTE

**Greg Leverence, Solid Waste Supervisor**

### LANDFILL OPERATIONS:

A public meeting was held virtually through EGLE for the Remedial Action Plan for PFAS at the landfill.

The leachate discharge report was submitted to RRC for July—December 2021.

Staff continued working on air permit report data.

EGLE performed a site inspection. No immediate deficiencies were noted during the inspection.

The Underground Storage Tank annual testing was performed.

Staff continues to address Watch and Protect Inspections on the landfill gas pipeline.



Watch and Protect Inspection For new home build site

Staff continues to inform customers of the recent rate increases and required surcharges at the scale window.

Staff has reached out to all local units of government regarding the Free Dump Day Program.

The landfill operated with normal business hours during the County early closure for weather conditions.

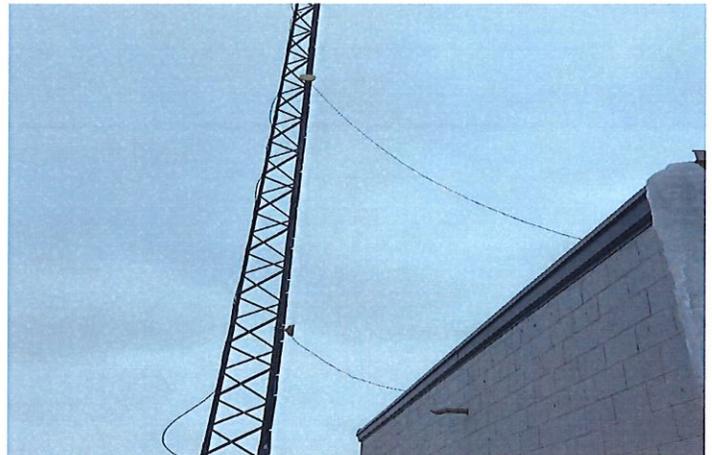
The Solid Waste Planning Committee will meet on February 7, 2022 at 2PM.

Bids for the Landfill Expansion Clearing and Grubbing project and for HHW Services for 2022—2024 were advertised.

The preconstruction meeting for the Leachate Station 2 rebuild project was held.

Groundwater sampling services for the Type II and Type III landfill was quoted and awarded.

High Winds recently have broken attachments for the compressor station communication antenna cables from the tower they are mounted to. New brackets are on order and should be installed the first week of February.



Compressor Station antenna cables separated From tower

**Pamela Roesch, Solid Waste Accounting Specialist**

### FINANCIAL REPORT:

The landfill received approximately 11,384 tons in December 2021. The total tonnage for FY2022 is 38,254.85 tons which is approximately 36.3% below the 52,151.02 tons for FY2021. The total revenue for FY2022 is \$1,098,374.70 which is approximately 20% below the \$1,320,263.57 for FY2021 (see figures 1 and 2). During December 2021, Eagle Alloy used 1,982 MMBTU for an invoice amount of \$5,397.98. Sun Chemical used 1,092 MMBTU for an invoice amount of \$3,449.91. (see figure 3)

## SOIL EROSION

**Robert Ribbens, Environmental Manager**

There were 17 soil erosion permits issued in January.

## REGIONAL WATER SYSTEM

**Steve Fink, Public Works Engineer & Project Manager**

Channel Crossing Contract No. 2 – Approximately 4,200 linear feet of 30" HDPE pipe was pulled in under the channel and Muskegon State Park over December 22 - 23. Equipment was removed and mobilized to the Snug Harbor area of Muskegon State Park. The pilot hole for the approximately 4,200 linear feet bore under the dunes is underway. Meter vault and associated piping installation at the south bore pit site in the City of Muskegon is in progress. Concrete thrust block collars were poured just north of the meter vault to prevent excessive pipe movement due to the physical properties of HDPE piping material. The snow and cold of this month have not helped, but the crews continue on!

Staff continues to monitor the new pipe along Memorial Drive to maintain adequate chlorine residual and flush when necessary.

Staff is working to receive design proposals for improvements to the Eastside Water System for review and approval by the Water System Policy Board.



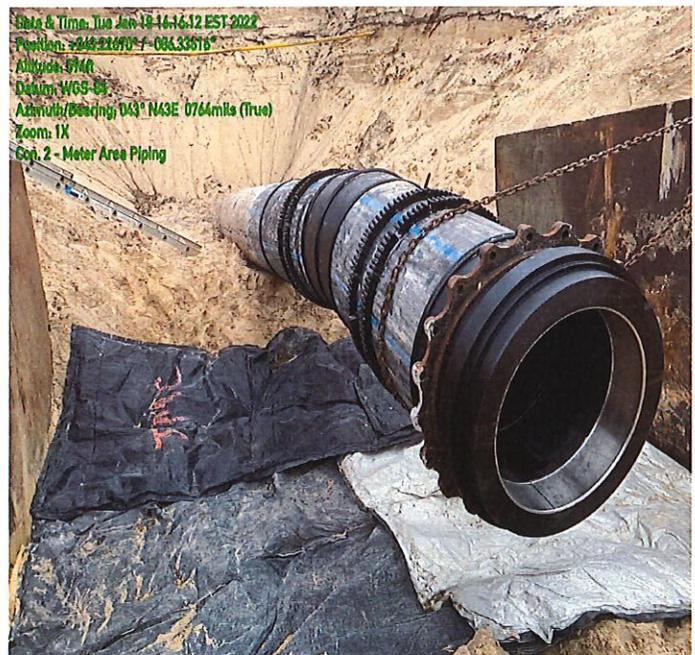
Meter vault 1



Pull hardware and pipe arriving at south drill pit



Pipe entering north pit during pullback



Fused pipe bend at south drill pit



Thrust block pour

## **FACILITIES MANAGEMENT**

**Steve Fink, Public Works Engineer & Project Manager**

### **GENERAL ACTIVITIES:**

Staff continues working with the consultant on the Facilities Condition Assessment for Baker College.

Snowfall this month has resulted in the most snow clearing activity in several years which makes for some long days. The building mechanics and sole groundskeeper are performing all snow removal and salting again this season.

From the last report date of 12/22/2021 thru 01/26/2022, 302 work orders were issued to mechanic staff.

## **SUSTAINABILITY**

**Greg Leverage, Solid Waste Supervisor**

The EGLE Tire Grant application was submitted. In 2022, funded by the grant if awarded, tires will be accepted at the County Recycling Events and also at Tire Only Events. The Tire Only Events will be organized by local units of government wishing to participate.



## **MISCELLANEOUS**

**Steve Fink, Public Works Engineer & Project Manager**

### **BROWN'S POND—BLUE LAKE TOWNSHIP:**

Pricing for regulatory required grass cutting and dam inspection services are being solicited.

Figure 1

2019 - 2021  
Solid Waste Monthly Volume in Tons

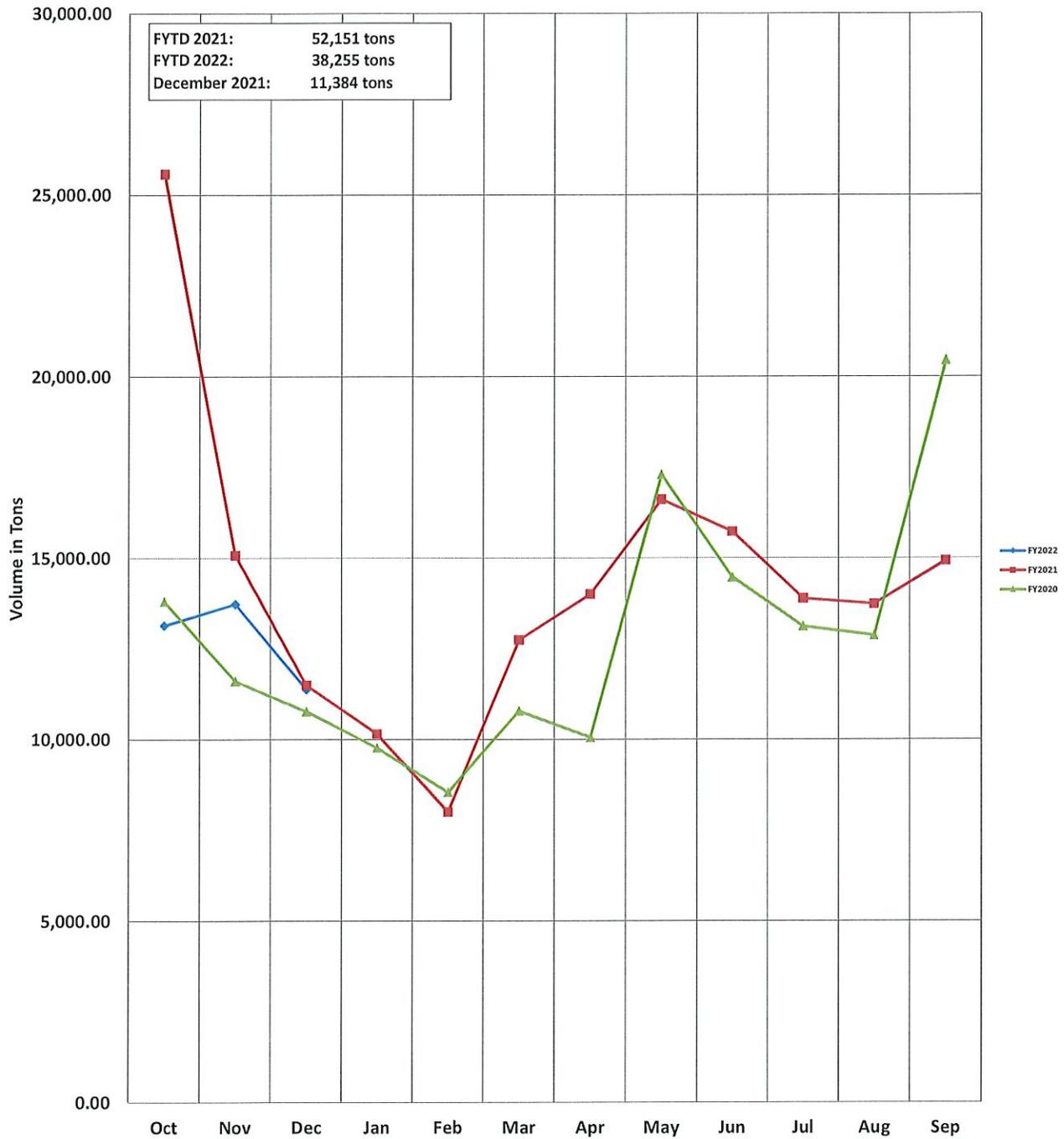


Figure 2

2020 - 2022  
Solid Waste Monthly Income

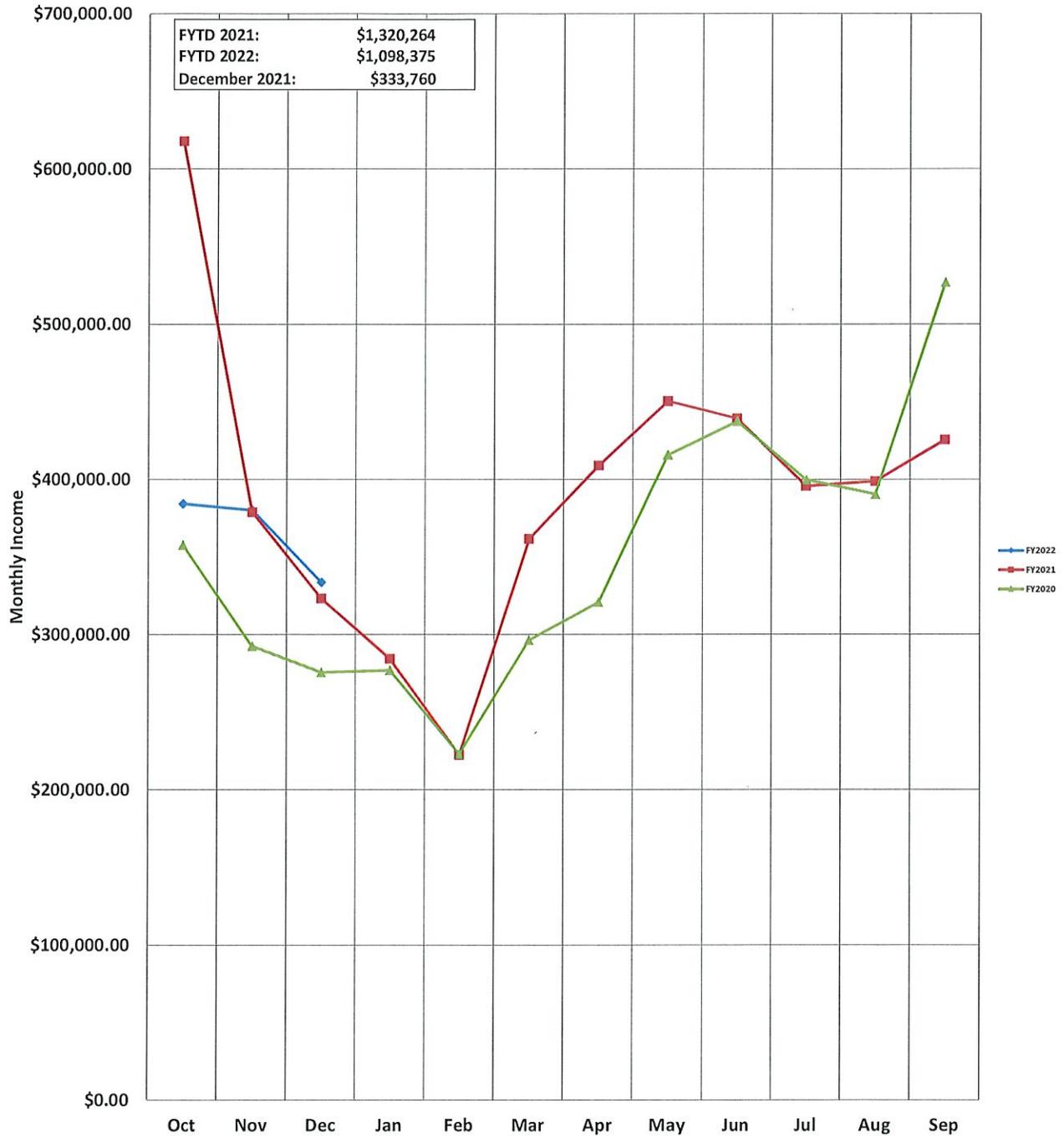


Figure 3

2020 - 2022  
Public Works Energy Proceeds - Landfill Gas

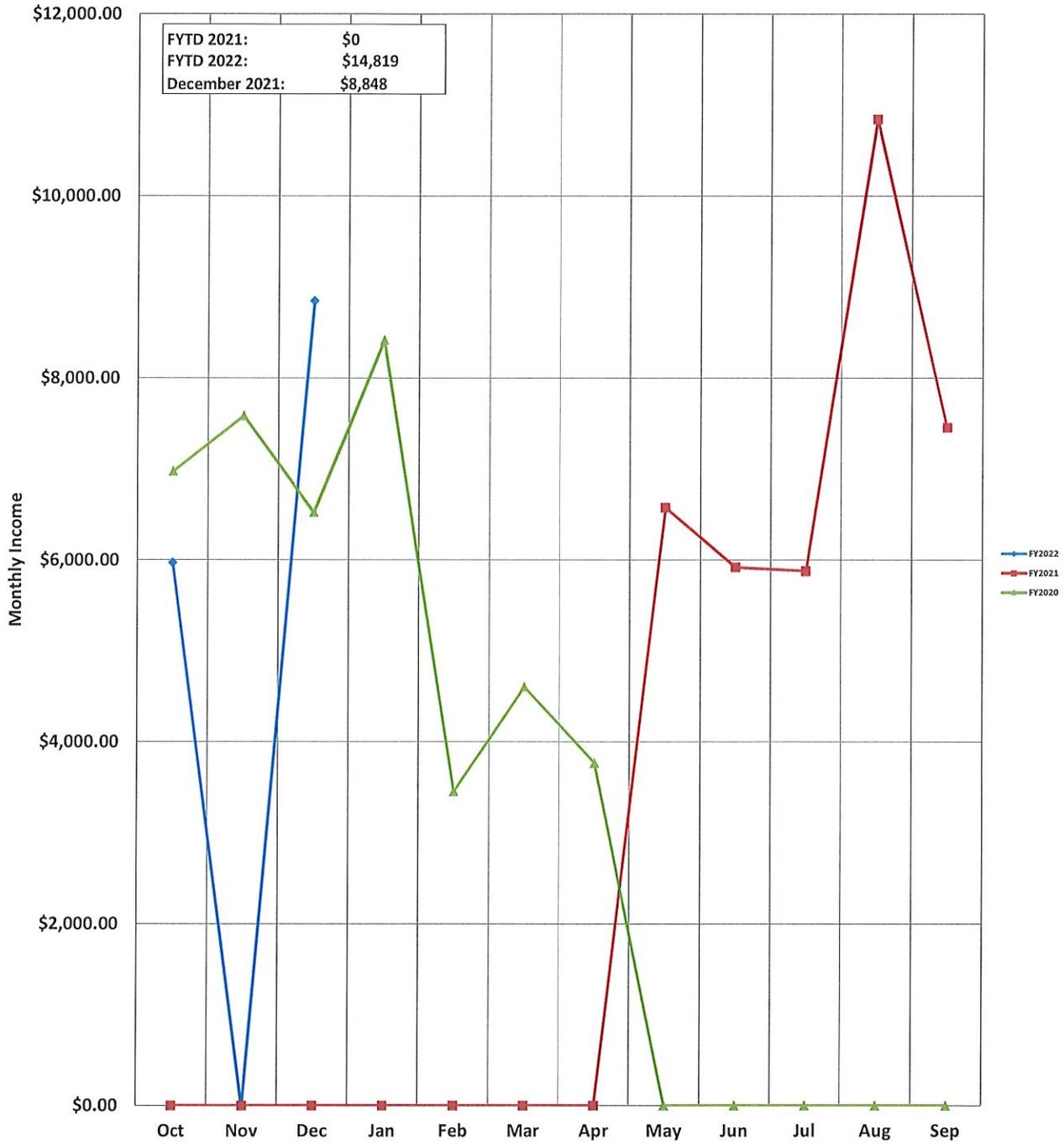


Figure 4

2020 - 2022  
Regional Water System Usage in Gallons

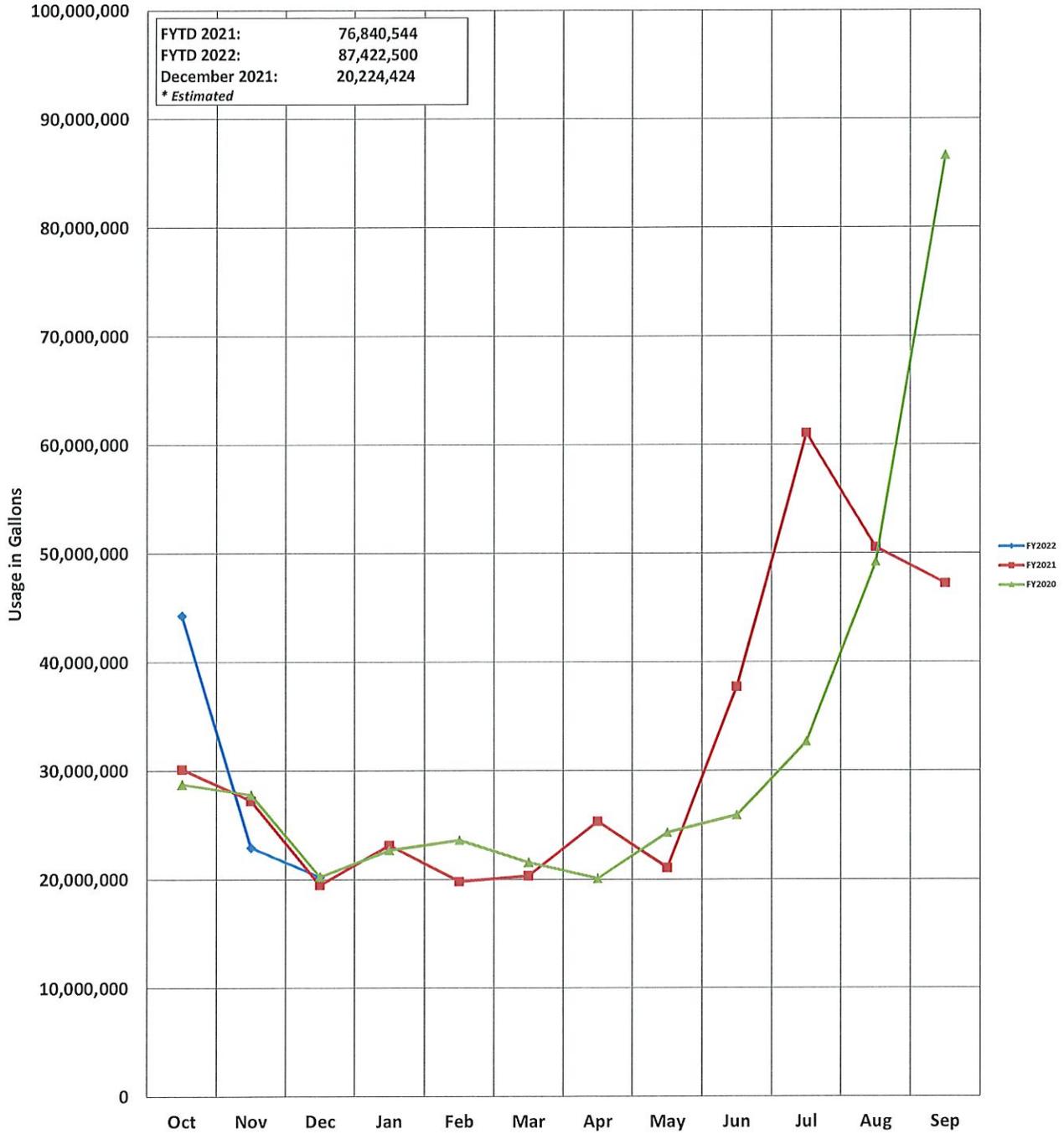


Figure 5

2020 - 2022  
Regional Water System Monthly User Fees

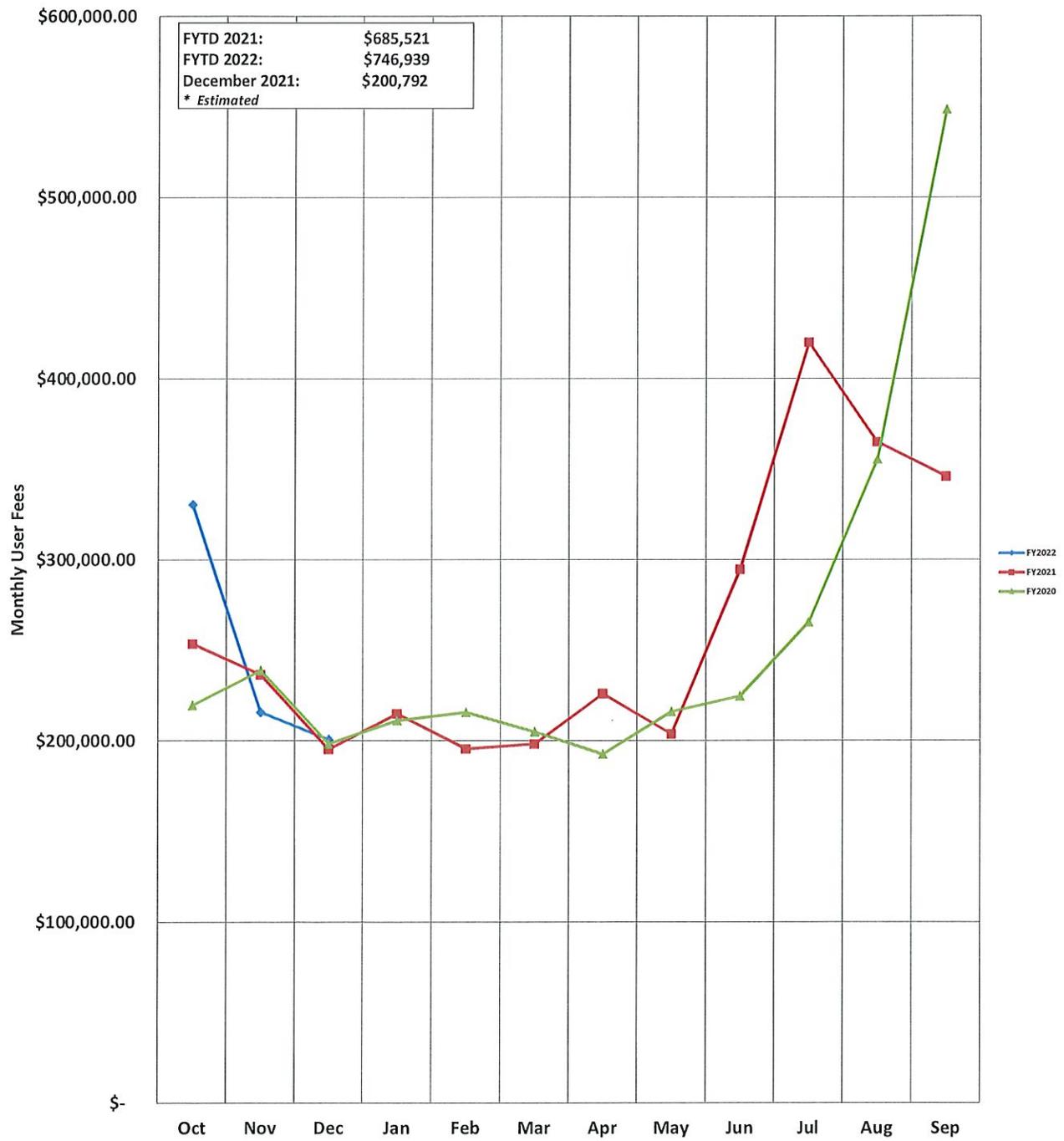
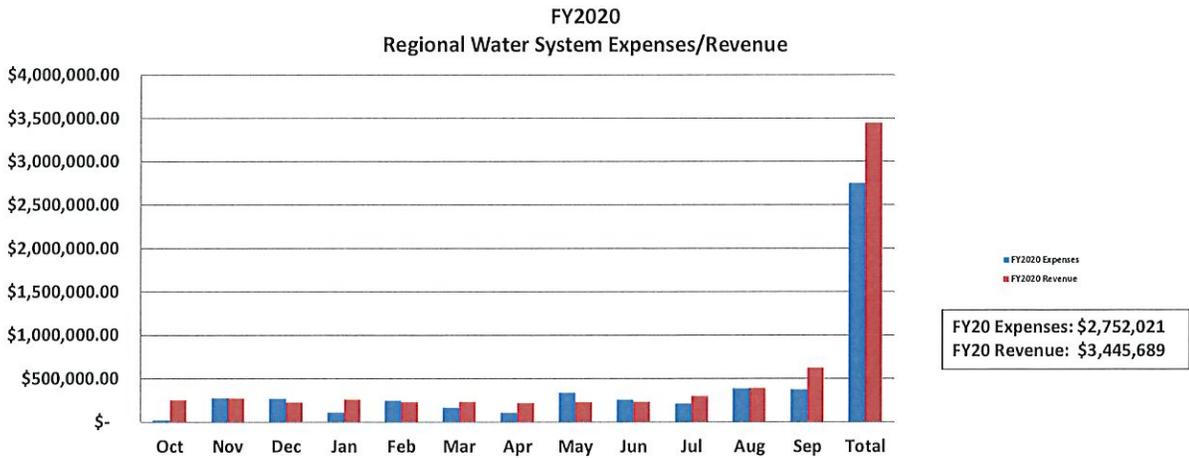
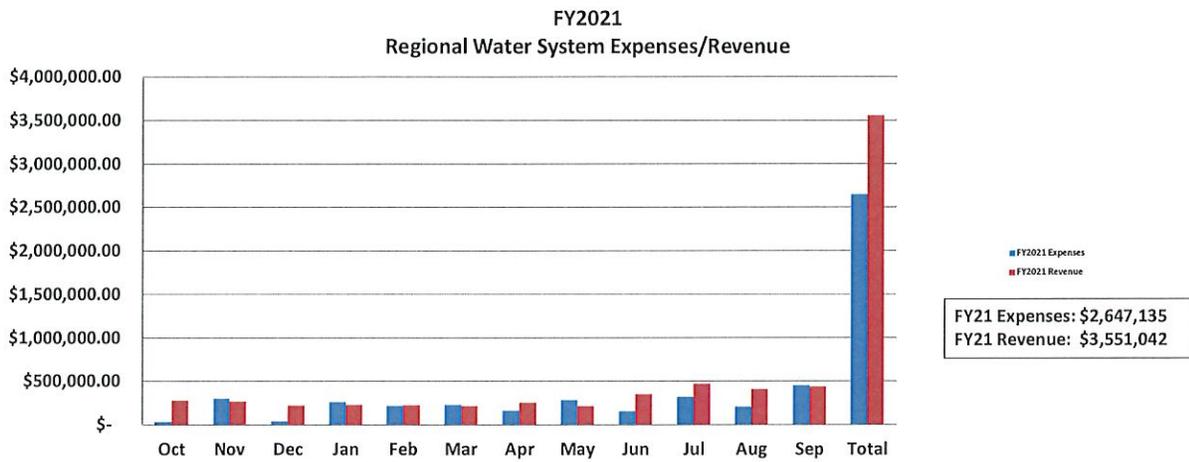
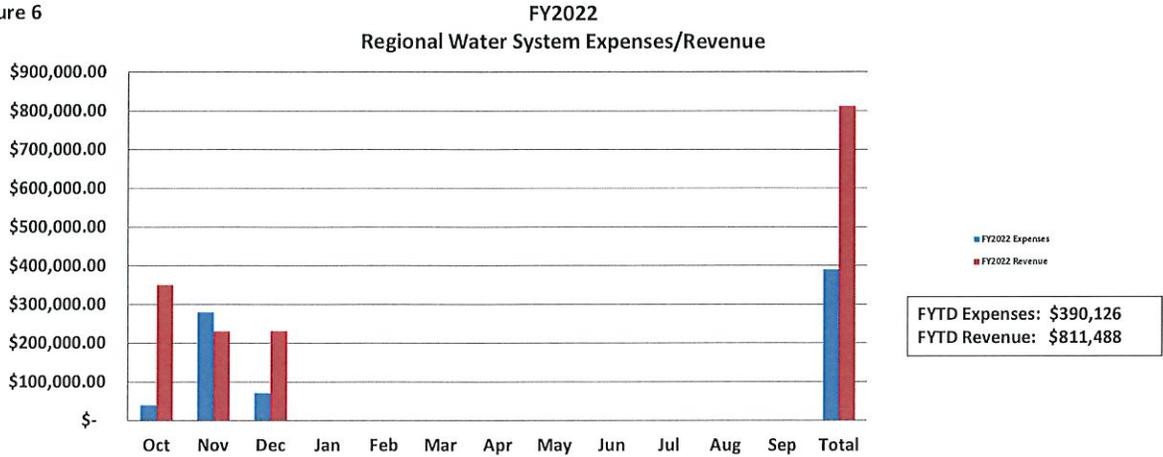


Figure 6



Updated 1/24/2022

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 5710 Solid Waste Management							
12/02/2021	02	872592	FIELD TECHNOLOGY SERVICES	Site Maintenance 10/1/21 thru 10/15/21	801.000	0526	844.95
12/02/2021	02	872595	GRAND RAPIDS METROLOGY	Truck Scale Repairs	931.050	0526	1,476.80
				Overhaul on the Mechanical Truck Scale	931.050	0526	6,450.00
				CHECK 02 872595 TOTAL FOR FUND 5710:			<u>7,926.80</u>
12/02/2021	02	872601	INTEGRITY BUSINESS SOLUTIONS LLC	OFFICE SUPPLIES	729.000	0526	38.44
12/02/2021	02	872621	MICHIGAN CAT	Repair Transmission Guard Hinge	939.000	0526	1,654.89
				Repair Transmission Guard & Hoses	939.000	0526	4,808.59
				CHECK 02 872621 TOTAL FOR FUND 5710:			<u>6,463.48</u>
12/02/2021	02	872657#	WIARCOM, INC.	GPS SERVICE NOV - DEC 2021	801.000	0520	22.95
				GPS SERVICE NOV - DEC 2021	801.000	0526	114.75
				CHECK 02 872657 TOTAL FOR FUND 5710:			<u>137.70</u>
12/09/2021	02	872776	CONSUMERS ENERGY	Conversion of Solid Waste Facility	978.000	0526	63,815.00
12/09/2021	02	872821	GOLDER ASSOCIATES INC	CQA for Construction of Gas System	804.000	0526	1,116.45
				FY22-LEACHATE STATION 2 REBUILD	973.000	0526	711.30
				CHECK 02 872821 TOTAL FOR FUND 5710:			<u>1,827.75</u>
12/09/2021	02	872824	HACKLEY HOSPITAL	Contractual Services	801.000	1528	25.50
12/09/2021	02	872940#	VERIZON WIRELESS	12/21 Cellular Service-State Plan	851.000	0520	82.86
				12/21 Cellular Service-State Plan	851.000	0526	212.16
				CHECK 02 872940 TOTAL FOR FUND 5710:			<u>295.02</u>
12/09/2021	02	872945	WEST MICHIGAN INTERNATIONAL	Solid Waste Water Truck	978.000	0526	145,638.75
12/09/2021	02	872949	WILLIAM HOUSEMAN	FY22 Carharts in Lieu of Uniforms Bill	746.000	0526	464.28
12/10/2021	02	1311 (E) #	BANK OF AMERICA	CH-(2) Ergonomic Optical Mouse	729.000	0520	52.58
				CH-Farrar 2022 WW Admin Conference	864.000	0520	425.00
				CH-Farrar 2022 WW Admin Conf lodging	871.000	0520	162.72

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 5710 Solid Waste Management							
				CH-Parking Fees 11/4/21	871.000	0520	1.63
				CH-Parking Fees 11/4/21	871.000	0520	1.90
				PR-Water for Office and Shop	747.000	0526	29.00
				PR-High Visibility Safety Vest for	747.000	0526	358.60
				PR-Key Rings	747.000	0526	5.99
				PR-Misc Fittings	747.000	0526	437.29
				PR-Honda WT40XK3A Trash Pump	747.000	0526	2,368.99
				GL-Auxillary Pump for Landfill	747.000	0526	203.98
				PR-Mat Cleaning Bi-Weekly	749.000	0526	68.62
				PR-Dusting Surface Refills	776.000	0526	26.48
				PR-12vDC Fuel Transfer Pump	782.100	0526	96.99
				PR-SWANA Membership Greg Leverage	807.000	0526	268.00
				PR-Repair to Lights Equip # 101	936.000	0526	60.96
				GL-Oil Change Equip # 102	936.000	0526	75.92
				MF-Repair Air lines Equip # 69	936.000	0526	17.77
				PR-Compressor Station Gas	747.000	1528	816.10
				PR-Rush Fee on CSRS Gas	747.000	1528	75.00
				GL-6 Rib 5vX1320 Banded V-Belt	747.000	1528	597.52
				CHECK 02 1311(E) TOTAL FOR FUND 5710:			6,151.04
12/13/2021	02	872981	FOSTER, SWIFT, COLLINS & SMITH PC	11/21 Corporate Counsel Services	829.000	0526	678.50
12/13/2021	02	872982	FOSTER, SWIFT, COLLINS & SMITH PC	10/21 Corporate Counsel Services	829.000	0526	966.00
12/16/2021	02	873040#	CONSUMERS ENERGY	9366 Apple Ave/Act#100025960616/Office	921.000	0526	333.57
				9022 Apple Ave/Act#	921.000	0526	60.33
				9424 Apple Ave/Act# 100025960673/Shop Y	921.000	0526	408.92
				9112 Apple Ave/Act# 100025960350/CSRS Y	921.000	1528	2,141.59
				CHECK 02 873040 TOTAL FOR FUND 5710:			2,944.41
12/16/2021	02	873064	FIELD TECHNOLOGY SERVICES	Site Maintenance 11/16/21 thru 11/30/21	801.000	0526	1,336.20
				Cell 2 Gap Drainage Layer Repair Phase	802.000	0526	990.00
				CHECK 02 873064 TOTAL FOR FUND 5710:			2,326.20
12/16/2021	02	873128	MICHIGAN CAT	250 Svc Hr Preventative Maintenance #50	939.000	0526	869.79
				500 Svc Hr Preventative Maintenance #59	939.000	0526	1,508.18

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 5710 Solid Waste Management							
				CHECK 02 873128 TOTAL FOR FUND 5710:			2,377.97
12/16/2021	02	873174	SUBURBAN PROPANE	537.8 Gal Propane/Tank# 008780/Shop	924.000	0526	1,263.83
				259.1 Gal	924.000	0526	608.89
				CHECK 02 873174 TOTAL FOR FUND 5710:			1,872.72
12/16/2021	02	873185	VAN MANEN OIL COMPANY, INC.	4,002 Gal Off-Road Diesel 12/10/21	772.010	0526	9,918.00
12/16/2021	02	873282	CUSTOM HYDROVAC LLC	HydroVac Used to Clean Scale Pit	931.050	0526	2,050.00
12/16/2021	02	873310	MEEKHOF TIRE SALES & SERVICE INC	Flat Tire Repair to Equip #102	936.000	0526	23.00
				(3) Flat Tire Repairs - Hook Trucks	936.000	0526	168.00
				CHECK 02 873310 TOTAL FOR FUND 5710:			191.00
12/29/2021	02	873553	ENVIRONMENTAL INFO LOGISITICS LLC	4th Qtr 2021 SEM & Penetration Scans	801.000	0526	1,100.00
12/29/2021	02	873563	GOLDER ASSOCIATES INC	Existing Landfill Engineering Services	804.000	0526	4,228.87
				Landfill Expansion Engineering Services	804.000	0526	4,679.41
				CHECK 02 873563 TOTAL FOR FUND 5710:			8,908.28
12/29/2021	02	873573	Jacob L Butkus	FY22 Carharts in lieu of Uniforms-Jake	746.000	0526	434.58
12/29/2021	02	873599	MICHIGAN CAT	Washer/Spacer Equip # 50	939.000	0526	79.38
				Repair/Install Axle & Grease Lines Eq	939.000	0526	5,129.61
				(2) Bolts Equip # 50	939.000	0526	12.40
				CHECK 02 873599 TOTAL FOR FUND 5710:			5,221.39
12/29/2021	02	873640	SUBURBAN PROPANE	622.9 Gal Propane/Tank#174820/CSRS	924.000	1528	1,504.88
				Total for fund 5710 Solid Waste Management			274,122.64

'#'-INDICATES CHECK DISTRIBUTED TO MORE THAN ONE DEPARTMENT

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 5910 Regional Water System							
12/02/2021	02	872568#	CITY OF MUSKEGON	0399348001 / 44 OTTAWA ST	923.050	0546	42,240.35
				0199347501 / E KEATING AVE TWP 59	923.050	0552	1,106.86
				0199347401 / HARVEY ST TWP-MT	923.050	0552	5,206.07
				0199347601 / 99 QUARTERLINE RD	923.050	0552	38,490.11
				CHECK 02 872568 TOTAL FOR FUND 5910:			87,043.39
12/02/2021	02	872574#	CONSUMERS ENERGY	1000 1308 8628 / 44 OTTAWA ST	921.000	0546	42.12
				1000 1421 7382 / 5000 WHITEHALL RD	921.000	0546	66.09
				1000 1080 2880 / 1655 EVANSTON AVE PUMP	921.000	0552	47.00
				1000 1300 2983 / 99 N QUARTERLINE RD	921.000	0552	2,718.70
				1000 0013 0599 / 1316 E KEATING AVE	921.000	0552	171.54
				CHECK 02 872574 TOTAL FOR FUND 5910:			3,045.45
12/02/2021	02	872580	DALTON TOWNSHIP	SEWER REIMBURSEMENT 11/19/21 - 11/24/21	226.011	0000	1,856.08
12/02/2021	02	872586	DTE ENERGY	9100 212 8851 9 / 616 W GILES RD	922.000	0546	40.63
12/02/2021	02	872601#	INTEGRITY BUSINESS SOLUTIONS LLC	OFFICE SUPPLIES	729.000	0546	35.90
				OFFICE SUPPLIES	729.000	0552	35.90
				CHECK 02 872601 TOTAL FOR FUND 5910:			71.80
12/02/2021	02	872608	KENDALL ELECTRIC INC	QUARTERLINE / ELECTRICAL SUPPLIES	936.000	0552	31.64
12/02/2021	02	872609	KERKSTRA WASTE RECOVERY &	REFUND UB CREDIT BAL/WALK-001561-0000-	226.012	0000	418.41
				REFUND UB CREDIT BAL/WALK-001561-0000-	277.020	0000	431.05
				CHECK 02 872609 TOTAL FOR FUND 5910:			849.46
12/02/2021	02	872612	LAKETON TOWNSHIP	SEWER REIMBURSEMENT 11/19/21 - 11/24/21	226.010	0000	9,892.32
12/02/2021	02	872620	MICAH GOLBA	REFUND UB CREDIT BAL/BLRD-000210-0000-	226.010	0000	244.42
				REFUND UB CREDIT BAL/BLRD-000210-0000-	277.020	0000	97.16
				CHECK 02 872620 TOTAL FOR FUND 5910:			341.58
12/02/2021	02	872622	MIKE GNATKOWSKI	REFUND UB OVERPAYMENT/CLAR-001448-0000-	226.012	0000	63.69
				REFUND UB OVERPAYMENT/CLAR-001448-0000-	277.020	0000	29.28

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 5910 Regional Water System							
				CHECK 02 872622 TOTAL FOR FUND 5910:			92.97
12/02/2021	02	872625	MUSKEGON TOWNSHIP TREASURER	SEWER REIMBURSEMENT 11/19/21 - 11/24/21	226.012	0000	18,760.19
12/02/2021	02	872653	WESCO INC	QUARTERLINE / DIESEL FUEL	772.010	0552	507.82
12/02/2021	02	872657#	WIARCOM, INC.	GPS SERVICE NOV - DEC 2021	801.000	0546	22.95
				GPS SERVICE NOV - DEC 2021	801.000	0552	22.95
				CHECK 02 872657 TOTAL FOR FUND 5910:			45.90
12/09/2021	02	872771	COMFORT CONTROL SUPPLY CO INC	KEATING / GARAGE THERMOSTAT	936.000	0552	44.44
12/09/2021	02	872774	CONSUMERS ENERGY	1000 0015 4730 / 616 W GILES RD	921.000	0546	579.91
12/09/2021	02	872781	DALTON TOWNSHIP	SEWER REIMBURSEMENT 11/26/21 - 12/02/21	226.011	0000	398.95
12/09/2021	02	872791	DTE ENERGY	9100 212 8876 6 / 99 QUARTERLINE RD	922.000	0552	51.95
12/09/2021	02	872849	LAKETON TOWNSHIP	SEWER REIMBURSEMENT 11/26/21 - 12/02/21	226.010	0000	16,475.81
12/09/2021	02	872854	LOWES BUSINESS ACCOUNT	ESW / CONCRETE & BUCKET	936.000	0552	12.93
12/09/2021	02	872861	MEDLER ELECTRIC COMPANY	QUARTERLINE / ELECTRICAL SUPPLIES	936.000	0552	225.57
				EARLY PAY DISCOUNT	936.000	0552	(2.26)
				CHECK 02 872861 TOTAL FOR FUND 5910:			223.31
12/09/2021	02	872876	MUSKEGON TOWNSHIP TREASURER	SEWER REIMBURSEMENT 11/26/21 - 12/02/21	226.012	0000	19,770.39
12/09/2021	02	872877	NEWKIRK ELECTRIC ASSOCIATES	QUARTERLINE /CONTROL ISSUE ON PUMP	936.000	0552	340.00
12/09/2021	02	872890	PREIN & NEWHOF PC	REVIEW EASTSIDE WATER SYSTEM PROJECTS	804.000	0552	1,000.00
12/09/2021	02	872940#	VERIZON WIRELESS	12/21 Cellular Service-State Plan	851.000	0546	77.00
				12/21 Cellular Service-State Plan	851.000	0552	30.23
				CHECK 02 872940 TOTAL FOR FUND 5910:			107.23
12/10/2021	02	1311(E)#	BANK OF AMERICA	AP-2979 Industrial Parkway lien CH	255.546	0000	31.00
				RR-Tef Tape	747.000	0546	2.34
				SF-Fink AWWA Operator's License CEC	864.000	0546	37.50

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 5910 Regional Water System							
				RR-Tef Tape	747.000	0552	2.35
				SF-Fink AWWA Operator's License CEC	864.000	0552	37.50
				CHECK 02 1311(E) TOTAL FOR FUND 5910:			<u>110.69</u>
12/13/2021	02	872981	FOSTER, SWIFT, COLLINS & SMITH PC	11/21 Corporate Counsel Services	829.000	0546	370.00
12/16/2021	02	873025#	CITY OF MUSKEGON	NSW WATER SAMPLING/ NOV 2021	801.400	0546	189.00
				NSW WATER SAMPLING/ NOV 2021	801.400	0546	594.00
				ESW WATER SAMPLING / NOV 2021	801.400	0552	189.00
				CHECK 02 873025 TOTAL FOR FUND 5910:			<u>972.00</u>
12/16/2021	02	873026	CITY OF MUSKEGON	CREDIT CARD PAYMENT MADE TO DPW IN	040.005	0000	24.90
12/16/2021	02	873027	CITY OF MUSKEGON	NSW WATER MAINTENANCE/ NOV 2021	801.100	0546	1,647.00
12/16/2021	02	873044#	CORRPRO COMPANIES INC	INSPECTION SERVICES MI ADVENTURE TANK	818.000	0546	835.00
				INSPECTION SERVICES EVANSTON ROAD TANK	818.000	0552	835.00
				CHECK 02 873044 TOTAL FOR FUND 5910:			<u>1,670.00</u>
12/16/2021	02	873048	DALTON TOWNSHIP	SEWER REIMBURSEMENT 12/03/21 - 12/09/21	226.011	0000	1,808.27
12/16/2021	02	873062	FERGUSON ENTERPRISES, INC.	ESW / WATER METERS	747.015	0552	14,685.60
12/16/2021	02	873092	JANE KLEMP	Refunds Payable from Overpayments	277.020	0000	54.93
12/16/2021	02	873102#	KENT COMMUNICATIONS INC	WATER BILLS - PRINTING	728.000	0546	338.24
				WATER BILLS - POSTAGE	730.000	0546	867.49
				WATER BILLS - PRINTING	728.000	0552	288.13
				WATER BILLS - POSTAGE	730.000	0552	738.97
				CHECK 02 873102 TOTAL FOR FUND 5910:			<u>2,232.83</u>
12/16/2021	02	873110	LAKETON TOWNSHIP	SEWER REIMBURSEMENT 12/03/21 - 12/09/21	226.010	0000	23,912.05
12/16/2021	02	873116	LOGAN SIX	REFUND UB CREDIT BAL/MCLA-002437-0000-	226.012	0000	67.30
				REFUND UB CREDIT BAL/MCLA-002437-0000-	277.020	0000	88.24
				CHECK 02 873116 TOTAL FOR FUND 5910:			<u>155.54</u>

Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 5910 Regional Water System							
12/16/2021	02	873117	LOUELLA UNDERHILL	REFUND UB CREDIT BAL/WINS-001883-0000-	277.020	0000	25.18
12/16/2021	02	873134	MIRANDA MARSHALL	REFUND UB CREDIT BAL/EZEK-002665-0000-	226.012	0000	20.93
				REFUND UB CREDIT BAL/EZEK-002665-0000-	277.020	0000	31.31
				CHECK 02 873134 TOTAL FOR FUND 5910:			<u>52.24</u>
12/16/2021	02	873147	MUSKEGON TOWNSHIP TREASURER	SEWER REIMBURSEMENT 12/03/21 - 12/09/21	226.012	0000	26,232.27
12/16/2021	02	873321#	MUSKEGON FIRE EQUIPMENT COMPANY	FIRE EXTINGUISHER INSPECTIONS	936.000	0546	22.29
				FIRE EXTINGUISHER INSPECTIONS	936.000	0552	22.30
				CHECK 02 873321 TOTAL FOR FUND 5910:			<u>44.59</u>
12/21/2021	02	873480	DTE ENERGY	9100 202 0551 4 / 54 OTTAWA ST	922.000	0546	54.09
12/29/2021	02	873536	CITY OF MUSKEGON	ESW WATER SAMPLING/ NOV 2021	801.400	0552	339.15
12/29/2021	02	873539#	CONSUMERS ENERGY	1000 1308 8628 / 44 OTTAWA ST	921.000	0546	45.22
				1000 1421 7382 / 5000 WHITEHALL RD	921.000	0546	71.13
				1000 1080 2880 / 1655 EVANSTON AVE PUMP	921.000	0552	68.17
				1000 0013 0599 / 1316 E KEATING AVE	921.000	0552	168.29
				1000 1300 2983 / 99 N QUARTERLINE RD	921.000	0552	3,066.31
				CHECK 02 873539 TOTAL FOR FUND 5910:			<u>3,419.12</u>
12/29/2021	02	873542	DALTON TOWNSHIP	SEWER REIMBURSEMENT 12/10/21 - 12/16/21	226.011	0000	5,339.65
12/29/2021	02	873543	DALTON TOWNSHIP	SEWER REIMBURSEMENT 12/17/21 - 12/23/21	226.011	0000	1,300.50
12/29/2021	02	873548	DTE ENERGY	9100 212 8863 4 / 1316 E KEATING AVE	922.000	0552	113.49
12/29/2021	02	873587	LAKETON TOWNSHIP	SEWER REIMBURSEMENT 12/10/21 - 12/16/21	226.010	0000	12,256.65
12/29/2021	02	873588	LAKETON TOWNSHIP	SEWER REIMBURSEMENT 12/17/21 - 12/23/21	226.010	0000	9,671.11
12/29/2021	02	873595	MEDLER ELECTRIC COMPANY	QUARTERLINE / TRAY CABLE	936.000	0552	71.62
				EARLY PAY DISCOUNT	936.000	0552	(0.58)
				CHECK 02 873595 TOTAL FOR FUND 5910:			<u>71.04</u>
12/29/2021	02	873607	MUSKEGON TOWNSHIP TREASURER	SEWER REIMBURSEMENT 12/10/21 - 12/16/21	226.012	0000	18,841.50

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Check Date	Bank	Check #	Payee	Description	Account	Dept	Amount
Fund: 5910 Regional Water System							
12/29/2021	02	873608	MUSKEGON TOWNSHIP TREASURER	SEWER REIMBURSEMENT 12/17/21 - 12/23/21	226.012	0000	15,265.12
Total for fund 5910 Regional Water System							302,253.66

'#'-INDICATES CHECK DISTRIBUTED TO MORE THAN ONE DEPARTMENT

The Muskegon County Resource Recovery Center exists to improve the public health of Muskegon County citizens by receiving polluted wastewater, cleaning it up, and returning it the environment for reuse and enjoyment. We recognize the weight of our responsibility as stewards both of the environment and of our system infrastructure which enables us to do our job. Our goal is to offer our service to the people of Muskegon County at the best possible rate without compromising our stewardships.

~David Johnson, Director

## FINANCIAL REPORT

Christine Morris / Administrative Analyst

### DECEMBER FINANCIAL REPORT

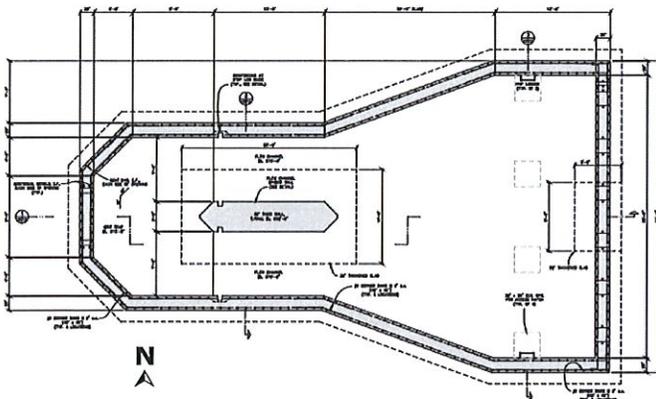
Operating expenses for the first three months of the 2022 fiscal year were \$2,333,661, or 14% of the FY2022 budget. Revenues for the same period were \$3,823,697, or 21% of the budget.

## INFRASTRUCTURE MAINTENANCE AND IMPROVEMENT PROJECTS

Dave Johnson / Director

### SOUTH IRRIGATION STATION REPLACEMENT

The new South Irrigation Pump Station is taking shape nicely as Kamminga & Roodvoets continues working through the winter. This is the shape that it's taking:



This drawing shows the shape of the base slab of the new outlet lagoon. The top of the drawing is north. The wide end to the east (right) is where the six pumps will be mounted. K&R has the east wall in place and a portion of the south wall, as seen in the following photo, which shows the inside view of the up-and-coming lagoon. The wall with the six holes is the east wall. The holes are part of the discharge piping for the pumps.



The next picture shows the east wall from the outside. Eventually the discharge piping of each pump will connect to a 42" header, which is currently being assembled off site at the K&R shop.



### J STATION REPLACEMENT

The new J Station is coming along. The above-ground structure is nearly complete. Even though the above-ground portion is much smaller than the below-ground structure, it's more gratifying to look at and gives you a sense that progress is really being made! As with South Irrigation Pump

Station, K&R is working through the cold of winter despite the additional efforts that must be made to do so. They've had to hang clear plastic tarps over their work spaces and heat the area under the tent to keep their mortar warm. They're also having to deal with supply chain delays typical of these days. For instance, the aluminum stairs won't be delivered until April, so they're having to put in temporary stairs so that they can safely access the lower stories of the building.



**The new J Station. There's more than meets the eye. What's below ground dwarfs the above-ground structure.**

## **STATISTICAL COMPARISONS**

**Dave Johnson / Director**

### **FLOWS AND LAGOON LEVELS**

The average daily wastewater flow (Fig. 1) received at the MCRRC in December was 9.58 MGD, 6.1% lower than the same period last year. Hauled waste flow for December (Fig. 2) was 4.2 MG, 14% higher than the same period last year. The volume of water in the storage lagoons (Fig. 3) near the end of December was 2,042 MG, 5.2% lower than it was at that time last year.

Figure 1

## 2019 - 2021 Total Wastewater Monthly Flow in MGD

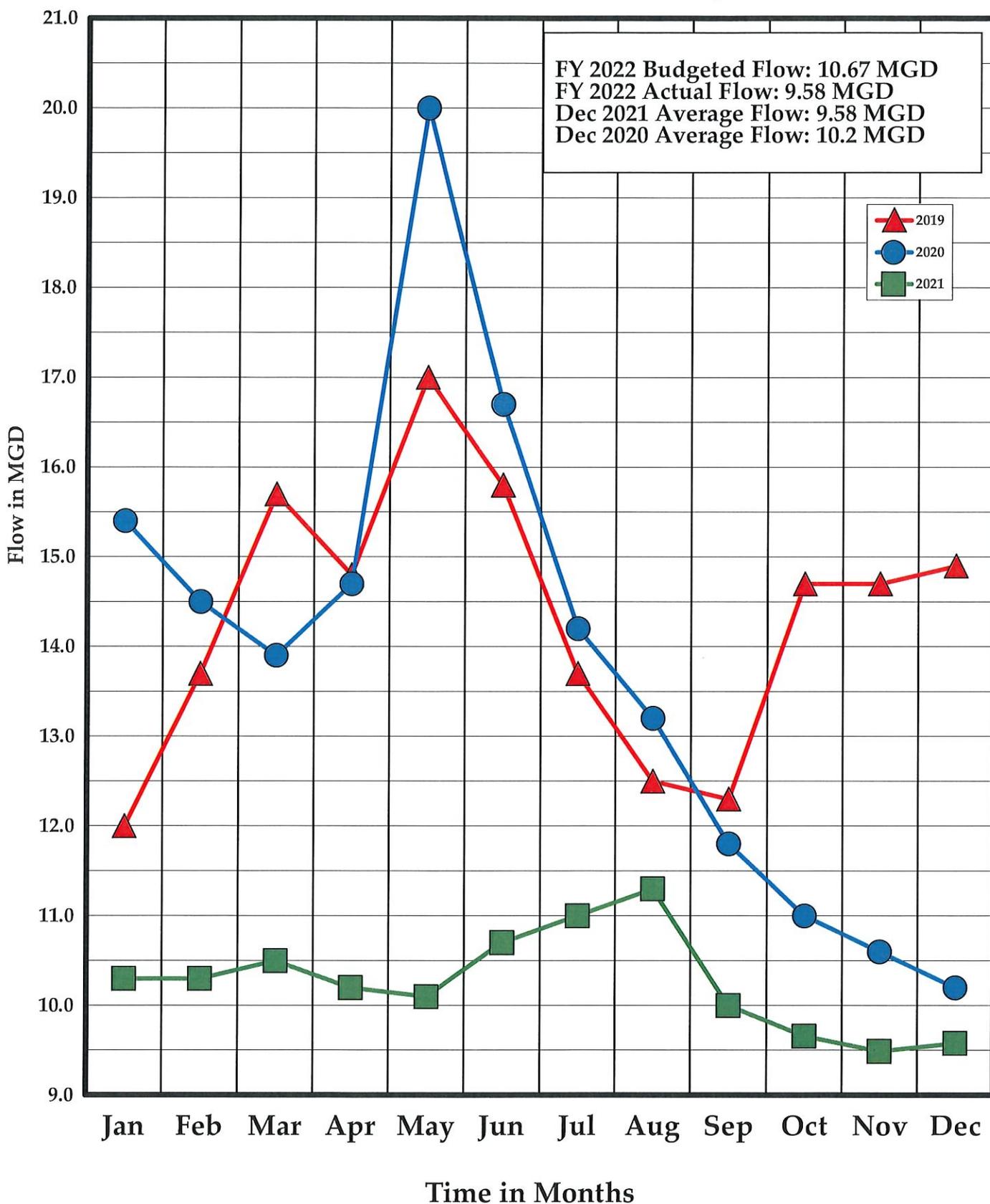


Figure 2

## 2019 - 2021 Hauled Waste Monthly Volume in Gallons

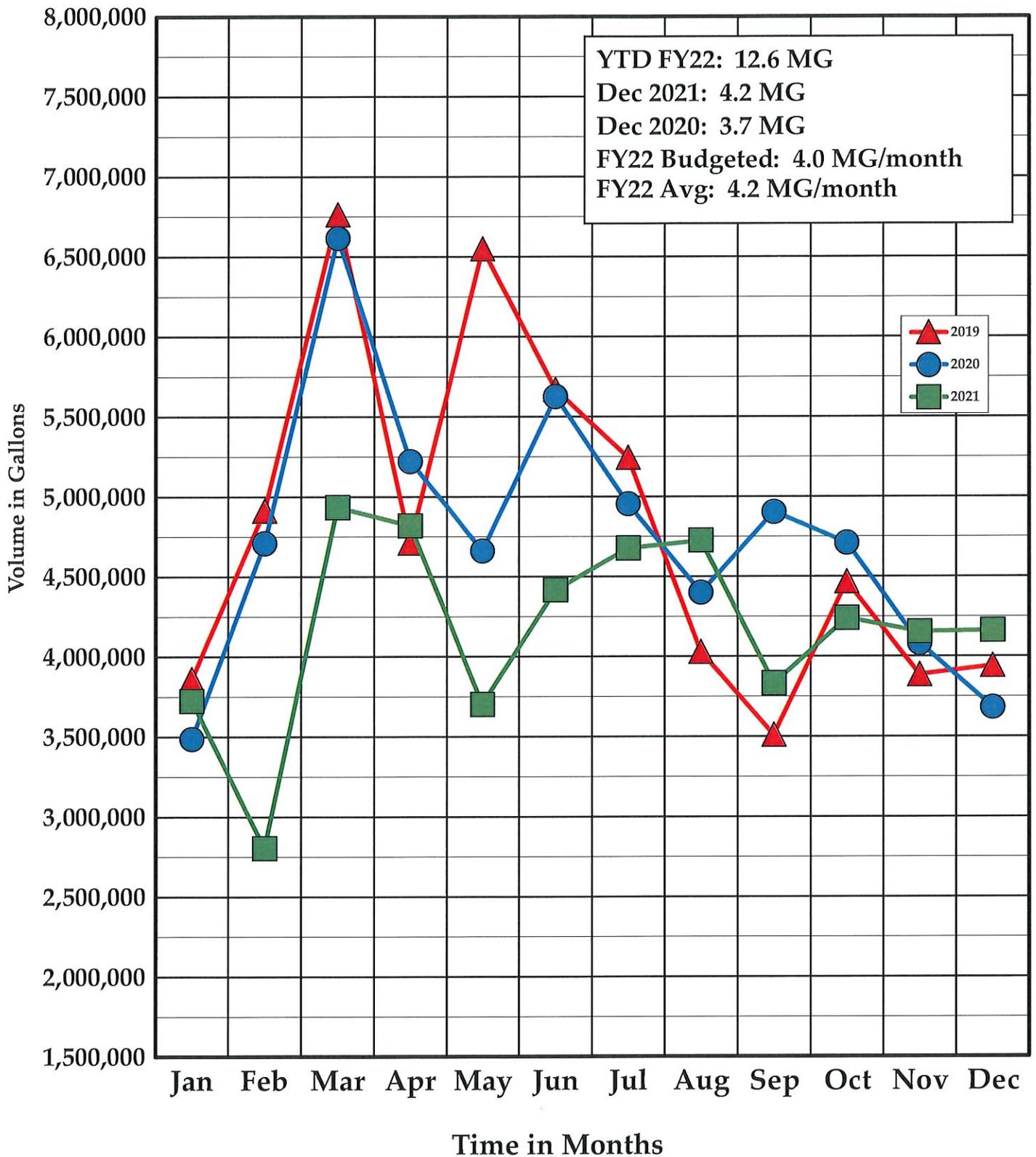
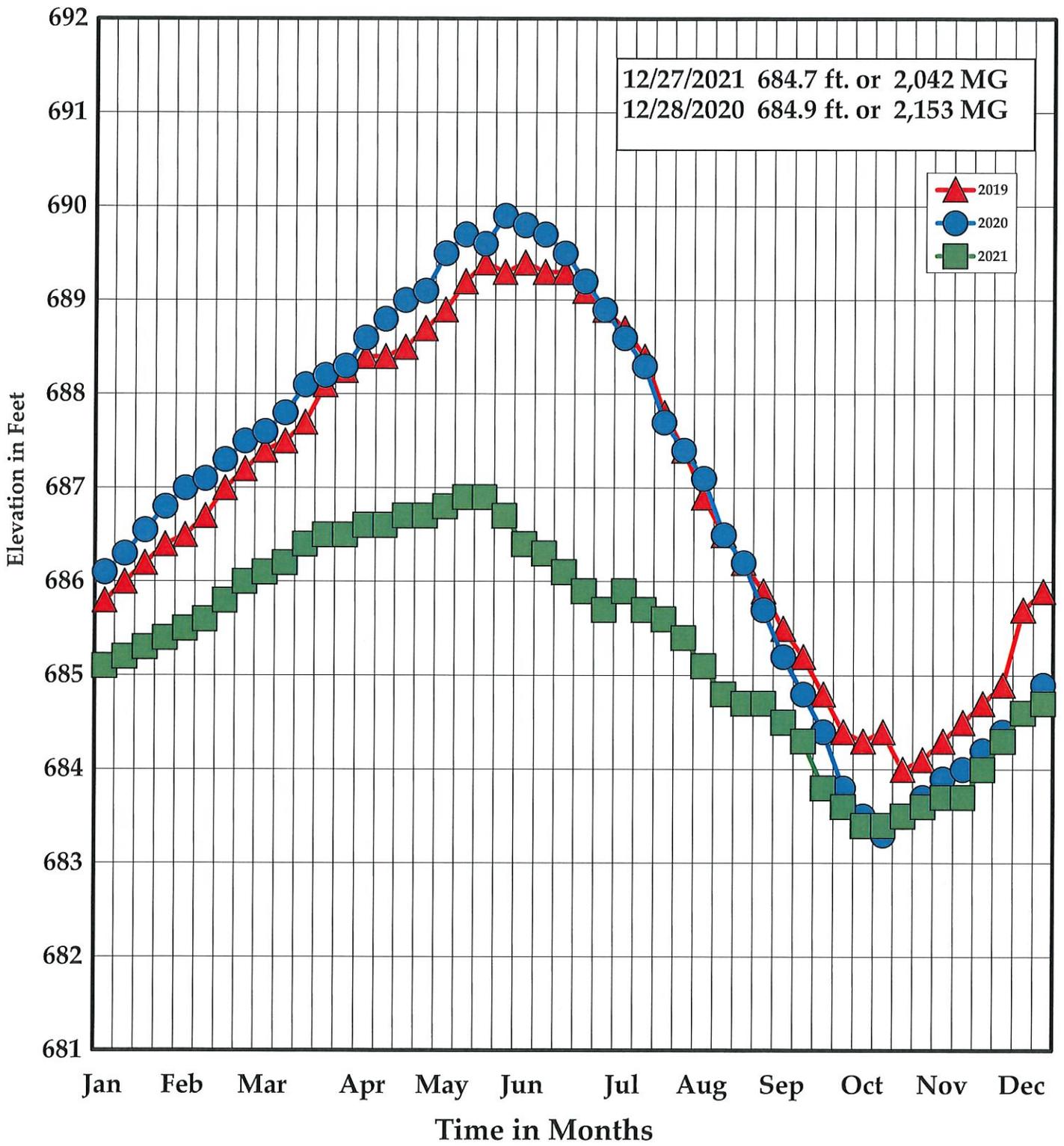


Figure 3

### 2019 -2021 Metro Lagoon Average Elevation in Feet



Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount	
Fund: 5920 Wastewater Management Operations									
12/21/2021	02	873458	204299840975	CONSUMERS ENERGY	1000 7357 7098 1664 Lakeshore Dr	921.000	5060	34.86	
			201897054986		1000 6009 8025 / 1692 Lakeshore Dr	921.000	5060	47.14	
			201185202823		1000 5995 5763 / 1960 Addison	921.000	5060	32.05	
			201808068457		1000 0638 0941 / 2626 McCracken St	921.000	5060	32.20	
			204477796342		1000 0616 5078 / 1616 Garrison Rd	921.000	5060	30.87	
			207057907258		1000 0021 9921 / 698 N Maple Island	921.000	5060	102,908.69	
			207057907257		1000 0021 9657 / 635 Ottawa St	921.000	5060	20,060.19	
			207057907261		1000 0023 1322 / 895 S Wolf Lake Rd	921.000	5060	481.01	
			206168539359		1030 3121 2485 / 2734 S Getty St	921.000	5060	53.07	
			204922774333		1000 1035 2498 / 2625 S Getty	921.000	5060	36.63	
			206346403538		1000 0767 9671 / 3350 Airline Rd	921.000	5060	35.15	
			CHECK 02 873458 TOTAL FOR FUN						123,751.86
12/21/2021	02	873460	200183293171	DTE ENERGY	Gas Usage 3565 S Getty 12/2021	922.000	5060	49.84	
12/21/2021	02	873462	200473081409	DTE ENERGY	Gas Usage 496 W Sherman 12/2021	922.000	5060	40.85	
12/21/2021	02	873466	200473081408	DTE ENERGY	Gas Usage 633 Ottawa 12/2021	922.000	5060	311.50	
12/29/2021	02	873519	SO-20211024-577871	ANDREW JOHN HRUBY	Corn Seed FY22	769.031	5030	(2,232.00)	
			SO-20211024-577871		Corn Seed FY22	769.031	5030	(3,750.00)	
			SO-20211024-577871		Corn Seed FY22	769.031	5030	(3,150.00)	
			SO-20211024-577871		Corn Seed FY22	769.031	5030	44,100.00	
			CHECK 02 873519 TOTAL FOR FUN						34,968.00
12/29/2021	02	873526	6002	C-N-C ELECTRIC LLC	Trouble Call A-Station Pump #3 VFD	778.200	5060	641.00	
			5900		Trouble Call C-Station Unit #5	778.200	5060	375.00	
			6080		Panelview Plus 7 (for spare)	778.200	5060	3,930.00	
			6067		Trouble Call - Metro Site Cell #2	936.000	5060	2,980.25	
			6061		Trouble Call Panelview Cell #2	936.000	5060	1,188.60	
			6002		Trouble Call A-Station Pump #3 VFD	936.200	5060	2,105.60	
			6094		Q-Station Pump #1 VFD Fault	936.200	5060	770.40	
			5900		Trouble Call C-Station Unit #5	936.200	5060	6,405.00	
			CHECK 02 873526 TOTAL FOR FUN						18,395.85
12/29/2021	02	873540	3161840	CONTINENTAL LINEN SERVICES, I	Uniforms & Janitorial Supplies-FY22	749.000	5040	39.40	
			3166677		Uniforms & Janitorial Supplies-FY22	749.000	5040	15.53	
			3166676		Uniforms & Janitorial Supplies-FY22	749.000	5040	44.80	
			3166673		Uniforms & Janitorial Supplies-FY22	749.000	5040	22.39	
			3166674		Uniforms & Janitorial Supplies-FY22	749.000	5040	35.66	

CHECK DISBURSEMENT REPORT FOR MUSKEGON COUNTY  
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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 5920 Wastewater Management Operations								
			3167920		Uniforms & Janitorial Supplies-FY22	749.000	5040	49.40
			3172604		Uniforms & Janitorial Supplies-FY22	749.000	5040	15.53
			3172602		Uniforms & Janitorial Supplies-FY22	749.000	5040	44.80
			3172600		Uniforms & Janitorial Supplies-FY22	749.000	5040	22.39
			3172601		Uniforms & Janitorial Supplies-FY22	749.000	5040	35.66
			3161840		Uniforms & Janitorial Supplies-FY22	776.000	5040	24.89
			3166677		Uniforms & Janitorial Supplies-FY22	776.000	5040	26.03
			3166676		Uniforms & Janitorial Supplies-FY22	776.000	5040	22.92
			3166673		Uniforms & Janitorial Supplies-FY22	776.000	5040	32.93
			3166674		Uniforms & Janitorial Supplies-FY22	776.000	5040	29.09
			3167920		Uniforms & Janitorial Supplies-FY22	776.000	5040	24.89
			3172604		Uniforms & Janitorial Supplies-FY22	776.000	5040	62.80
			3172602		Uniforms & Janitorial Supplies-FY22	776.000	5040	22.92
			3172600		Uniforms & Janitorial Supplies-FY22	776.000	5040	32.93
			3172601		Uniforms & Janitorial Supplies-FY22	776.000	5040	29.09
CHECK 02 873540 TOTAL FOR FUN								634.05
12/29/2021	02	873541	2021-22 Soybeans	CROWLEY FARMS LLC	Soybean Seed - Treated	769.034	5030	5,520.00
			2021-22 Soybeans		Soybean Seed - Treated	769.034	5030	1,280.00
			2021-22 Soybeans		Soybean Seed - Treated	769.034	5030	(1,294.40)
CHECK 02 873541 TOTAL FOR FUN								5,505.60
12/29/2021	02	873556	S104345704.001	ETNA SUPPLY COMPANY	Roust A Bouts, Ball Valve, Coupling	778.000	5060	2,113.98
12/29/2021	02	873562	12202021 GWT	GEORGE W JOHNSON TRUST	Easement "W" Station Forcemain Sewe	973.229	4911	3,846.00
12/29/2021	02	873567	0002787745	HERALD PUBLISHING COMPANY LLC	FY-21 Advertising Agency Serv. for	902.000	5040	45.00
12/29/2021	02	873568	0002802245	HERALD PUBLISHING COMPANY LLC	FY-21 Advertising Agency Serv. for	902.000	5040	27.76
12/29/2021	02	873572	202111-App#2	JACKSON-MERKEY CONTRACTORS IN	Proj 2210509 South Interception Dit	973.234	4911	17,325.00
12/29/2021	02	873582	2190322-App#4	KAMMINGA & ROODVOETS INC	Proj 2190322 South Irrigation Pump	973.227	4911	168,750.00
			2200331-App#4		Proj 2200331 PS J Force Main Replac	973.228	4911	698,727.97
CHECK 02 873582 TOTAL FOR FUN								867,477.97
12/29/2021	02	873589#	9309106656	LAWSON PRODUCTS	Drill bits, cable ties, foam, squar	778.100	5030	904.88
			9309106656		Drill bits, cable ties, foam, squar	778.100	5030	(9.05)
			9309101005		Wrapped Stem Tire Patches & Top Loc	778.000	5050	68.32
			9309101005		Wrapped Stem Tire Patches & Top Loc	778.000	5050	(0.68)
			9309105618		Screws, Flapwheels	778.000	5060	292.41

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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 5920 Wastewater Management Operations								
			9309105618		Screws, Flapwheels	778.000	5060	(2.93)
				CHECK 02 873589 TOTAL FOR FUN				1,252.95
12/29/2021	02	873612	64999	PREIN & NEWHOF PC	Proj 2210908 Whitehall Township Wat	973.233	4911	6,243.30
12/29/2021	02	873613	64996	PREIN & NEWHOF PC	Proj 2120427 Gen Eng Svcs Baseline	804.000	5040	392.50
12/29/2021	02	873626	21879	RS TECHNICAL SERVICES	Meter calibration - thru 12/31/21-3804.100		5060	7,770.00
12/29/2021	02	873636	446454	SPEX CENTRIPREP GROUP LLC	Laboratory Organic Standards/Chemic	768.000	5020	48.80
12/29/2021	02	873640	7827-154998 12/14/2	SUBURBAN PROPANE	Propane Tank Annual Rental Hauler	S802.000	5060	19.95
12/29/2021	02	873650	532088	WEBB CHEMICAL SERVICE CORP	Ferric Chloride RFQ 20-2377	768.000	5060	4,253.86
01/06/2022	02	873715	86651	C & C COMMUNICATIONS INC	UHF LTR, Truck Radio System	855.000	5050	295.50
01/06/2022	02	873716	6099	C-N-C ELECTRIC LLC	Set IP Address - Cell #2, #16 HMI	936.000	5060	232.40
01/06/2022	02	873746	202520013026	CONSUMERS ENERGY	1000 3753 6784 / 895 E Keating	921.000	5060	838.12
			601012816901		1000 0028 3489 / 496 W Sherman	921.000	5060	366.54
			206346413731		1000 1651 9553 / 1051 W Riley-Thomp	921.000	5060	40.93
			206346413730		1000 1651 9363 / 569 W McMillan Rd	921.000	5060	35.30
			206346413729		1000 1651 9025 / 690 W Tyler Rd	921.000	5060	41.98
			205723667154		1000 0018 3622 / 1690 Lakeshore Dr	921.000	5060	2,690.78
			205723667134		1000 0007 9283 / 2441 Lake Ave	921.000	5060	801.48
			206969080026		1000 0035 9214 / 3200 MacArthur Rd	921.000	5060	711.75
			206969080022		1000 0035 7051 / 895 S Quarterline	921.000	5060	2,458.80
			201452120929		1000 6701 8463 / 618 Dykstra	921.000	5060	31.89
			201630093646		1000 6109 1185 / 632 Ottawa St	921.000	5060	84.30
			206791241829		1000 5996 0664 / 131 Ottawa St	921.000	5060	31.60
			203142949319		1000 1347 8498 / 499 Ottawa St	921.000	5060	41.23
			206880152111		1000 1171 9653 / 445 W Giles Rd	921.000	5060	34.26
			207146501212		1000 0034 9066 / 820 E Hanson St	921.000	5060	1,821.51
			207146501210		1000 0034 7581 / 2000 Holton-Whiteh	921.000	5060	7,381.33
			204744797142		1000 9116 6098 / 9016 Silver Creek	921.000	5060	67.49
			204032875633		1000 4797 9420 / 8620 Water St	921.000	5060	611.86
			206969087514		1000 0035 4058 / 300 S Lake St	921.000	5060	1,037.54
				CHECK 02 873746 TOTAL FOR FUN				19,128.69
01/06/2022	02	873754	AF222843F	DRUG SCREENS PLUS	Annual Fee Invoice for FMCSA	746.000	5040	82.50
01/06/2022	02	873757	200183302427	DTE ENERGY	Gas Usage 895 E Keating 12/2021	922.000	5060	40.09
01/06/2022	02	873758	200093335928	DTE ENERGY	Gas Usage 8620 Water St 12/2021	922.000	5060	138.25

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Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 5920 Wastewater Management Operations								
01/06/2022	02	873759	200093335927	DTE ENERGY	Gas Usage 820 E Hanson 12/2021	922.000	5060	93.68
01/06/2022	02	873760	200093335926	DTE ENERGY	Gas Usage 300 Lake St 12/2021	922.000	5060	39.23
01/06/2022	02	873767	200193310119	DTE ENERGY	Gas Usage 895 S Wolf Lake Rd 12/202	922.000	5060	106.44
01/06/2022	02	873768	200193310120	DTE ENERGY	Gas Usage 3200 McArthur Rd 12/2021	922.000	5060	34.99
01/06/2022	02	873769#	200193310116	DTE ENERGY	Gas Usage 801 N. Swanson 12/2021 /	922.000	5050	631.36
			200193310116		Gas Usage 801 N. Swanson 12/2021 /	922.000	5060	631.35
				CHECK 02 873769 TOTAL FOR FUN				<u>1,262.71</u>
01/06/2022	02	873770	200193310117	DTE ENERGY	Gas Usage 8391 White Rd 12/2021	922.000	5060	1,713.90
01/06/2022	02	873771	200193310118	DTE ENERGY	Gas Usage 895 Quarterline 12/2021	922.000	5060	95.81
01/06/2022	02	873779	S104345704.002	ETNA SUPPLY COMPANY	Roust-A-Bout Coupling, Coupling, Ni	778.100	5030	1,465.68
01/06/2022	02	873805	149287	JACK DOHENY COMPANIES, INC.	Cap & Cage Gaskets, T Handle Set Sc	778.000	5050	41.09
			149162		Sanitary Nozzle	778.000	5050	393.70
			149116		Wireless Remote Transmitter, Gage,	778.000	5050	646.58
			149047		Unloader Valve	778.000	5050	409.53
				CHECK 02 873805 TOTAL FOR FUN				<u>1,490.90</u>
01/06/2022	02	873817	2190280-App#7	KAMMINGA & ROODVOETS INC	Proj 2190280 Pump Station J Replace	973.226	4911	496,168.05
01/06/2022	02	873818	628889	KENNEDY INDUSTRIES INC.	Mission, Radio/Daughterboard Assemb	778.200	5060	3,265.38
01/06/2022	02	873823	75033 MBO	LEWIS REED & ALLEN, PC	Legal Services- for Users Committee	804.020	5040	202.50
01/06/2022	02	873840	9484313	MIDWEST MOTOR SUPPLY CO, INC.	Torx Drill Bit	778.100	5030	37.00
01/06/2022	02	873854	21146475	PLUMMER'S ENVIRONMENTAL SERV	Video & Locating Line to White Lake	936.000	5060	1,256.60
01/06/2022	02	873898	10354728	WIARCOM, INC.	Wireless GPS Sve 12/25/2021 - 1/24/	802.000	5050	498.55
01/06/2022	02	873902	216949	WINDEMULLER ELECTRIC INC	Service Call Power Issues	778.000	5060	325.99
			216949		Service Call Power Issues	936.000	5060	796.00
				CHECK 02 873902 TOTAL FOR FUN				<u>1,121.99</u>
01/06/2022	02	873946	9895761642	VERIZON WIRELESS	01/22 Cellular Service-State Plan	851.000	5040	743.23
01/07/2022	02	873974	967088-88	MEEKHOF TIRE SALES & SERVICE	Irrigation Rig Tires - FY22	760.010	5030	8,225.00
01/07/2022	02	873979	6387	MUSKEGON COUNTY ROAD COMMISS	Road & Winter Material FY22	938.000	5050	1,850.00

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Fund: 5920 Wastewater Management Operations								
01/07/2022	02	873985	28257	PORTER STEEL & WELDING CO	Materials For Tables - Farm	778.000	5030	236.00
			28244		Tube Steel - Farm	778.000	5030	181.00
			28247		Slot Holes Brackets	778.000	5030	40.00
			28227		Steel - Farm	778.000	5030	39.00
				CHECK 02 873985 TOTAL FOR FUN				496.00
01/07/2022	02	873989	DHF-12102021	RICK HUBERT	Sludge Dumpster Contents Disposal	808.110	5040	1,400.00
			DHF-12232021		Sludge Dumpster Contents Disposal	808.110	5040	1,225.00
				CHECK 02 873989 TOTAL FOR FUN				2,625.00
01/13/2022	02	874045	207057926647	CONSUMERS ENERGY	1000 0007 4755 / 3571 S Getty St	921.000	5060	4,621.80
01/13/2022	02	874081#	149692	JACK DOHENY COMPANIES, INC.	Transmitter, Gauge Press	778.000	5050	50.46
			149756		Transmitter - Truck 66	778.000	5060	1,658.94
				CHECK 02 874081 TOTAL FOR FUN				1,709.40
01/13/2022	02	874092	2190280-APP#8	KAMMINGA & ROODVOETS INC	Proj 2190280 Engineering Svcs J-Sta	973.226	4911	318,058.00
			2190322-App#5		Proj 2190322 South Irrigation Pump	973.227	4911	365,022.00
				CHECK 02 874092 TOTAL FOR FUN				683,080.00
01/13/2022	02	874094	34805	KLEYN MOBILE REPAIR LLC	Rebuild Engine of Dump Truck #065	778.000	5050	7,651.58
			34805		Rebuild Engine of Dump Truck #065	937.000	5050	6,900.31
				CHECK 02 874094 TOTAL FOR FUN				14,551.89
01/13/2022	02	874097	22235	KUERTH'S DISPOSAL INC	Recycling and Trash hauling service	808.110	5040	71.70
01/13/2022	02	874102	67920117	LINDE GAS & EQUIPMENT INC	Cylinder Rental	945.000	5020	16.62
			67828455		Argon Tank Rental	945.000	5020	269.31
				CHECK 02 874102 TOTAL FOR FUN				285.93
01/13/2022	02	874111	655021309	METTLER-TOLEDO INTERNATIONAL	Mettler-Toledo Scale Hardware & Sof	947.100	5040	1,308.94
01/13/2022	02	874113	PD13025303	MICHIGAN CAT	Element-CCB	778.000	5050	149.86
01/13/2022	02	874133	578770	ROBERT L DAUSMAN	Reimburse Employee Safety Glasses	7746.000	5040	150.00
01/13/2022	02	874154	2348291	VAN MANEN OIL COMPANY, INC.	Unleaded Gasoline-FY22	760.000	5050	6,598.08

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Fund: 5920 Wastewater Management Operations								
01/14/2022	02	1312 (E) #	TXN00117598	BANK OF AMERICA	MG-Cyanide STD	768.000	5020	19.78
			TXN00118178		MG-Nitrite Std	768.000	5020	57.28
			TXN00117917		MG-Buffer Sol	768.000	5020	114.69
			TXN00118001		AF-PH Buffers	768.000	5020	147.16
			TXN00117929		MG-Sulfuric Acid	768.000	5020	20.47
			TXN00118056		CM-Filters 2258 Mill Pond Trail	771.000	5020	35.00
			TXN00118057		CM-Filters 9626 Silver Creek	771.000	5020	35.00
			TXN00118064		CM-Filters 2288 Mill Pond Trail	771.000	5020	35.00
			TXN00118065		CM-Filters 9130 Mill Pond Trail	771.000	5020	35.00
			TXN00118070		CM-Filters 9748 Silver Creek	771.000	5020	35.00
			TXN00118074		CM-Filters 9780 Silver Creek	771.000	5020	35.00
			TXN00118077		CM-Filters 9180 Mill Pond Trail	771.000	5020	35.00
			TXN00118080		CM-Filters 9252 Mill Pond Trail	771.000	5020	70.00
			TXN00118081		CM-Filters	771.000	5020	35.00
			TXN00118089		CM-Filters 9216 Mill Pond Trail	771.000	5020	35.00
			TXN00118091		CM-Filters 9234 Mill Pond Trail	771.000	5020	35.00
			TXN00118095		CM-Filters 2274 Mill Pond Trail	771.000	5020	35.00
			TXN00118098		CM-Filters 9160 Mill Pond Trail	771.000	5020	35.00
			TXN00118104		CM-Filters 9210 Mill Pond Trail	771.000	5020	35.00
			TXN00118108		CM-Filters 9270 Mill Pond Trail	771.000	5020	35.00
			TXN00117591		MG-Flexible magnetic tape	771.000	5020	12.49
			TXN00117928		MG-Hotblock	771.000	5020	192.08
			TXN00118000		MG-Mc assembly, desiccant	771.000	5020	64.97
			TXN00118013		MG-MD-Tubes, User -Fill PK/50	771.000	5020	532.95
			TXN00117905		MG-WHPC-25 HPC, Simplate	771.000	5020	260.87
			TXN00117944		MG-Trap/steam autoclave	771.000	5020	503.95
			TXN00117963		MG-Freight Autoclave Trap	771.000	5020	23.87
			TXN00117566		MG-Closed reagent container, etc/	771.000	5020	652.47
			TXN00118170		AF-Beaker Griffin	771.000	5020	138.36
			TXN00118033		MG-Fltr Proweigh For TSS 100/PK	771.000	5020	519.88
			TXN00117983		MG-Filter proweigh, flask w/stopper	771.000	5020	1,216.79
			TXN00118183		MG-Credit Incorrect Order	771.000	5020	(765.12)
			TXN00117619		EI-Pipet tips Refund	771.000	5020	(70.34)
			TXN00118232		MG-Contactor/3 pole	778.000	5020	114.89
			TXN00117668		MG-EZ cod recycling	802.000	5020	523.95
			TXN00117658		CM-Service exchanger, etc.	802.000	5020	568.41
			TXN00117872		AF-Water Analysis Metals	802.000	5020	399.60
			TXN00117891		AF-Water Analysis - Metals Wells	802.000	5020	100.72
			TXN00117847		AF-Removal of hazardous lab waste	802.000	5020	3,395.88
			TXN00117907		EI-Cylinder Rental	945.000	5020	104.56
			TXN00117931		EI-Cylinder Rental	945.000	5020	30.38

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Fund: 5920 Wastewater Management Operations								
			TXN00117547		AF-Argon Cylinder Rental	945.000	5020	265.97
			TXN00118215		JS-Extension cord	778.000	5030	145.00
			TXN00118255		EC-Equipment Deposit	778.000	5030	967.00
			TXN00117822		AC-Caster wheels	778.000	5030	27.16
			TXN00117801		AC-Dust masks	778.000	5030	80.68
			TXN00117781		DV-Gloves	778.000	5030	21.61
			TXN00118066		JS-Screw, seal retainers	778.000	5030	359.20
			TXN00117823		AC-Febreeze	778.000	5030	4.98
			TXN00118227		AC-Paintbrushes, rollers	778.000	5030	21.58
			TXN00118240		AC-Drill bits	778.000	5030	36.96
			TXN00117802		AC-Laminate, Paint Supplies, Etc.	778.000	5030	290.79
			TXN00118238		AC-Washing Machine	778.000	5030	729.00
			TXN00118209		RB-Break room misc. materials	778.000	5030	227.13
			TXN00118222		RB-Break room doors	778.000	5030	867.00
			TXN00117789		AC-Welding clamp	778.100	5030	27.99
			TXN00118141		AC-Metal saw blade	778.100	5030	118.65
			TXN00117797		DV-Welding spool, mig wire, tips, e	778.100	5030	231.13
			TXN00117789		AC-Welding clamp	782.000	5030	12.99
			TXN00117781		DV-Gloves	782.000	5030	128.23
			TXN00118144		CM-Welding Cylinder rental	945.000	5030	58.80
			TXN00117788		CM-Tripp Lite Isobar, paper	729.000	5040	143.09
			TXN00117645		CM-Sticky notes	729.000	5040	8.99
			TXN00117596		CM-Forks; emp funded	729.000	5040	62.09
			TXN00118016		CM-Adjustable dolly	729.000	5040	28.99
			TXN00117926		CH-Labels for lab	729.000	5040	295.20
			TXN00118167		CH-Deskpads/Exchange/Return	729.000	5040	(62.91)
			TXN00117984		MG-Postage Fisher Scientific	730.000	5040	23.62
			TXN00117636		KE-Miller D Ring, DBI Harness TDora	746.000	5040	368.65
			TXN00117738		PP-Waterproof/insulated gloves	746.000	5040	125.47
			TXN00118123		FS-Carharts in lieu of uniforms, Ja	746.000	5040	164.79
			TXN00118256		FS-Carharts in lieu of uniforms, bi	746.000	5040	164.79
			TXN00117745		SB-Preventative maintenance, etc.	746.000	5040	709.00
			TXN00117756		SB-Oxygen/H2S sensor, etc.	746.000	5040	530.00
			TXN00118022		SB-Battery	746.000	5040	23.99
			TXN00117762		SB-Safety inspection	746.000	5040	240.88
			TXN00117781		DV-Gloves	746.000	5040	80.68
			TXN00117781		DV-Gloves	746.000	5040	24.48
			TXN00117959		SB-Hard Hat Training/Backhoe Loader	746.000	5040	474.00
			TXN00117992		SB-Hard Hat Training /Bucket Truck	746.000	5040	158.00
			TXN00118003		SB-DOT Exam, CV	746.000	5040	95.00
			TXN00117746		PP-Gloves	746.000	5040	158.86

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Fund: 5920 Wastewater Management Operations								
			TXN00117647		SB-Blanket, Clamp Pin, Canister	746.000	5040	500.48
			TXN00117909		SB-Return of self retracting lifeli	746.000	5040	(542.18)
			TXN00117568		SB-Storeroom lever handle, knob	746.050	5040	306.48
			TXN00117949		BA-Keys	746.050	5040	38.65
			TXN00117625		MH-Keys, key rings, etc.	746.050	5040	32.75
			TXN00118061		CM-Bottled Water Admin	747.000	5040	80.00
			TXN00118068		CM-Bottled Water OPS Bldg	747.000	5040	15.00
			TXN00118078		CM-Bottled Water Farm	747.000	5040	52.00
			TXN00118092		CM-Bottled Water C-Station	747.000	5040	51.00
			TXN00118092		CM-Bottled Water C-Station	747.000	5040	31.00
			TXN00118101		CM-Bottled Water Fleet Bldg	747.000	5040	2.00
			TXN00118061		CM-Bottled Water Admin	776.000	5040	5.00
			TXN00118068		CM-Bottled Water OPS Bldg	776.000	5040	106.50
			TXN00118078		CM-Bottled Water Farm	776.000	5040	44.50
			TXN00118092		CM-Bottled Water C-Station	776.000	5040	4.00
			TXN00118101		CM-Bottled Water Fleet Bldg	776.000	5040	127.50
			TXN00117906		CM-Surface Disinfectant	776.000	5040	25.98
			TXN00117557		CM-Pest management	776.000	5040	25.00
			TXN00118193		DJ-Well surveys	804.000	5040	1,411.80
			TXN00117858		AF-Application fee	807.000	5040	1,200.00
			TXN00117578		BA-Registration PFAS summit	864.000	5040	50.00
			TXN00117690		RD-Filter #116	760.000	5050	4.39
			TXN00117740		RD-Filter #149	760.000	5050	3.22
			TXN00117960		RD-Filters shop	760.000	5050	14.86
			TXN00118142		RD-Filter-eq #088	760.000	5050	6.42
			TXN00117818		CM-Beaver juice, towels	778.000	5050	212.00
			TXN00117548		JS-Vinyl decals, magnetic decals	778.000	5050	815.00
			TXN00117536		RD-Hydraulic cylinder #027	778.000	5050	1,376.50
			TXN00117716		DS-Tubing, angle, floor plate	778.000	5050	1,581.53
			TXN00118126		DS-Steel-eq #133	778.000	5050	203.00
			TXN00118045		RD-Cam Sensor Veh #004	778.000	5050	61.34
			TXN00117930		RD-Ram Assy - Hydraulic Cylinder #0	778.000	5050	141.54
			TXN00117960		RD-Filters shop	778.000	5050	78.00
			TXN00117582		RD-Hydraulic hose, etc. #051	778.000	5050	90.34
			TXN00117764		JS-Allen Bit Socket	782.000	5050	27.98
			TXN00117921		MH-2-way radio headset	855.000	5050	1,399.98
			TXN00118144		CM-Welding Cylinder rental	945.000	5050	58.80
			TXN00118078		CM-Bottled Water Farm	778.000	5060	2,125.30
			TXN00118010		TD-Lift support #145	778.000	5060	43.48
			TXN00118129		TD-E-clips for shop	778.000	5060	40.04
			TXN00117627		DM-Batteries	778.000	5060	33.80

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Fund: 5920 Wastewater Management Operations								
			TXN00118211		RC-Pipe, elbow, coupling, cap	778.000	5060	92.94
			TXN00118133		DJ-Flowcom Sensor Materials	778.000	5060	761.21
			TXN00118004		JC-Galvanized nipple Rigs 11 & 13	778.000	5060	91.18
			TXN00117535		MH-Spackling, sandblast mat'l, etc.	778.000	5060	17.40
			TXN00117774		MH-Spray paint	778.000	5060	54.56
			TXN00118161		TD-Tool box part	778.000	5060	62.00
			TXN00117706		MH-Bolts, filters, grinding wheel	778.000	5060	127.88
			TXN00118225		JL-Heater-Com meter station	778.200	5060	1,147.47
			TXN00118151		KE-Bolts for A-Station	778.200	5060	9.37
			TXN00118233		TD-PVC hose C-Station	778.200	5060	11.48
			TXN00117610		KE-Gasket for meter Whitehall	778.200	5060	86.11
			TXN00117636		KE-Miller D Ring, DBI Harness TDora	782.000	5060	457.79
			TXN00117792		SB-Adjustable wrench	782.000	5060	8.99
			TXN00117975		RC-Pic & hook set, pipe taps	782.000	5060	56.78
			TXN00117659		MH-PV snowbroom	782.000	5060	19.99
			TXN00117706		MH-Bolts, filters, grinding wheel	782.000	5060	139.00
			TXN00117575		JL-Rotary Tool, battery, nut kit, e	782.000	5060	170.41
			TXN00117800		EI-Portable restroom w/sanitizer	802.000	5060	80.00
			TXN00117857		RRC-635 Ottawa Fire-10/06/21-11/04/	923.000	5060	21.60
			TXN00117862		RRC-635 Ottawa St C#2-10/01/21-11/0	923.000	5060	308.42
			TXN00118102		RRC-CornerofLkshr&Add-10/07/21-11/0	923.000	5060	3.50
			TXN00118244		DJ-Overflow line pipe location	936.200	5060	1,256.60
			TXN00118144		CM-Welding Cylinder rental	945.000	5060	58.80
CHECK 02 1312(E) TOTAL FOR FU								34,808.96
01/20/2022	02	874352	INV267270	ADAMS REMCO INC	FY2022 Printer October 2021	728.000	5040	396.87
			INV274559		FY2022 Printer November 2021	728.000	5040	275.76
CHECK 02 874352 TOTAL FOR FUN								672.63
01/20/2022	02	874372	01027000 01/2022	CITY OF MONTAGUE	Water & Sewer Svc 8620 Water St 01/	923.000	5060	157.47
01/20/2022	02	874376	GTT1-003571 01/2022	CITY OF NORTON SHORES	Water & Sewer Svc 3571 S Getty St	923.000	5060	202.82
01/20/2022	02	874377	014-05220 01/2022	CITY OF WHITEHALL	Water & Sewer Svc 822 E Hanson	923.000	5060	2.45
01/20/2022	02	874378	014-05025 01/2022	CITY OF WHITEHALL	Water & Sewer Svc 300 S Lake	923.000	5060	34.30
01/20/2022	02	874380	0066175	COMMONWEALTH ASSOCIATES, INC.	Pump Station W Forcemain Easement P	973.229	4911	744.10
01/20/2022	02	874382	203854909009	CONSUMERS ENERGY	1000 2409 4615 / 998 S Brooks Rd	921.000	5060	33.62
			206880166553		1000 0015 8376 / 785 Whitehall Rd	921.000	5060	2,855.41
			203765909669		1000 6566 0126 / 3977 Grand Haven R	921.000	5060	74.84

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Fund: 5920 Wastewater Management Operations								
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01/20/2022	02	874383	3185410	CONTINENTAL LINEN SERVICES, I	Uniforms & Janitorial Supplies-FY22 749.000	5040		39.40
			S3184580		Uniforms & Janitorial Supplies-FY22 749.000	5040		15.53
			S3184581		Uniforms & Janitorial Supplies-FY22 749.000	5040		37.99
			S3184583		Uniforms & Janitorial Supplies-FY22 749.000	5040		44.80
			S3184582		Uniforms & Janitorial Supplies-FY22 749.000	5040		35.66
			S3173860		Uniforms & Janitorial Supplies-FY22 749.000	5040		39.40
			S3179698		Uniforms & Janitorial Supplies-FY22 749.000	5040		39.40
			S3178902		Uniforms & Janitorial Supplies-FY22 749.000	5040		15.53
			S3178903		Uniforms & Janitorial Supplies-FY22 749.000	5040		34.15
			S3178905		Uniforms & Janitorial Supplies-FY22 749.000	5040		44.80
			3178904		Uniforms & Janitorial Supplies-FY22 749.000	5040		35.66
			3185410		Uniforms & Janitorial Supplies-FY22 776.000	5040		24.89
			S3184580		Uniforms & Janitorial Supplies-FY22 776.000	5040		62.80
			S3184581		Uniforms & Janitorial Supplies-FY22 776.000	5040		32.93
			S3184583		Uniforms & Janitorial Supplies-FY22 776.000	5040		22.92
			S3184582		Uniforms & Janitorial Supplies-FY22 776.000	5040		29.09
			S3173860		Uniforms & Janitorial Supplies-FY22 776.000	5040		24.89
			S3179698		Uniforms & Janitorial Supplies-FY22 776.000	5040		24.89
			S3178902		Uniforms & Janitorial Supplies-FY22 776.000	5040		26.03
			S3178903		Uniforms & Janitorial Supplies-FY22 776.000	5040		32.93
			S3178905		Uniforms & Janitorial Supplies-FY22 776.000	5040		22.92
			3178904		Uniforms & Janitorial Supplies-FY22 776.000	5040		29.09
CHECK 02 874383 TOTAL FOR FUN								715.70
01/20/2022	02	874405	S104347102.001	ETNA SUPPLY COMPANY	Vic 99 Roust-A-Bout w/e Gasket, Wat 778.000	5060		3,213.56
01/20/2022	02	874417	0002814972	HERALD PUBLISHING COMPANY LLC	FY-21 Advertising Agency Serv. for 902.000	5040		32.62
01/20/2022	02	874426	31562	JONES ELECTRIC COMPANY	Seals for Pump-A Station 778.200	5060		2,184.00
			31544		Service Call - A Station Pump 936.200	5060		300.00
CHECK 02 874426 TOTAL FOR FUN								2,484.00
01/20/2022	02	874432	21865	KUERTH'S DISPOSAL INC	Disposal Services RRC December 2021 808.110	5040		304.00
01/20/2022	02	874459	WHIT-000785 01/2022	MUSKEGON COUNTY DEPT OF PUBLI	Water & Sewer Svc 785 Whitehall Rd 923.000	5060		14.06
01/20/2022	02	874469	224311	PETRO TANK AND LINE TESTING L	Quarterly A/B Site Fuel System Insp 802.000	5050		423.75
01/20/2022	02	874471	65608	PREIN & NEWHOF PC	Proj 2210908 Whitehall Township Wat 973.233	4911		17,912.95
01/20/2022	02	874491	CF220135	TODD WENZEL BUICK GMC OF WEST	2022 GMC Sierra 1500 Dbl Cab 4 x 4 979.000	5050		34,239.85

01/25/2022 08:55 AM  
 User: morrisch  
 DB: Muskegon County

CHECK DISBURSEMENT REPORT FOR MUSKEGON COUNTY  
 CHECK DATE FROM 12/21/2021 - 01/25/2022  
 Banks: 02

Check Date	Bank	Check #	Invoice	Payee	Description	Account	Dept	Amount
Fund: 5920 Wastewater Management Operations								
01/20/2022	02	874492	CF220176	TODD WENZEL BUICK GMC OF WEST	2022 GMC Sierra 1500 Dbl Cab 4 x 4	979.000	5050	29,985.70
01/20/2022	02	874500#	5077042-00 5074626-00	VESCO OIL CORPORATION	P30 Svc & Parts Cleaner Fleet Maint Accurate Premium AW 32 Hydraulic	760.000 778.200	5050 5060	125.75 210.04
				CHECK 02 874500 TOTAL FOR FUN				335.79
01/20/2022	02	874507	469707	WESTERN MICHIGAN FLEET PARTS	Jumper Cable, Magnetic Htr	778.000	5050	404.78
				Total for fund 5920 Wastewater Management Opera				2,479,365.65

'#'-INDICATES CHECK DISTRIBUTED TO MORE THAN ONE DEPARTMENT

Muskegon County  
Water System Policy Board  
January 12, 2022  
10:00 a.m.  
97 E. Apple Avenue, Room 119

*Jennifer Hodges, Chair*

*Kim Arter, Vice Chair*

**MINUTES**

**CALL TO ORDER**

The meeting was called to order by Chair Hodges at 10:00 a.m.

**ROLL**

Present: Kim Cyr, Muskegon County Commissioner  
Chris Hall, Laketon Township Building Inspector (Alternate)  
Jennifer Hodges, Muskegon Charter Township Supervisor  
Jeffrey Marcinkowski, Fruitland Township Supervisor  
Jeffrey Martin, Dalton Township Supervisor

Excused: Doug Brown, Muskegon County Commissioner  
Susie Hughes, Muskegon County Commissioner

**Staff**

Present: Matt Farrar, Public Works Director  
Tina Nash, Public Works Coordinator  
Steve Fink, Public Works Engineer & Projects Manager  
Carly Hysell, Public Works Finance and Sustainability Administrator

### **ELECTION OF OFFICERS**

Chair Hodges opened nominations for Chair of the Muskegon County Regional Water System Policy Board.

Chris Hall nominated Jennifer Hodges for Chair.

There were no other nominations for Chair.

Chair Hodges closed the nominations for Chair.

**WSPB-22-001** Moved by Chris Hall, seconded by Commissioner Cyr, to elect Jennifer Hodges as Chair.

Voice Vote: **Motion Carried**

Chair Hodges presiding.

Chair Hodges opened nominations for Vice Chair of the Muskegon County Regional Water System Policy Board.

Chair Hodges nominated Kim Arter for Vice Chair.

There were no other nominations for Vice Chair.

Chair Hodges closed the nominations for Vice Chair.

**WSPB-22-002** Moved by Chair Hodges, seconded by Chris Hall, to elect Kim Arter as Vice Chair.

Voice Vote: **Motion Carried**

Chair Hodges opened designations for Secretary of the Muskegon County Regional Water System Policy Board.

Jeffrey Martin nominated Tina Nash for Secretary.

There were no other nominations for Secretary.

Chair Hodges closed the nominations.

**WSPB-22-003** Moved by Jeffrey Martin, seconded by Chris Hall, to designate Tina Nash as Secretary.

Voice Vote: **Motion Carried**

Chair Hodges opened designations for Fiscal Officer of the Muskegon County Regional Water System Policy Board.

Jeffrey Martin nominated Carly Hysell for Fiscal Officer.

There were no other nominations.

Chair Hodges closed the nominations.

**WSPB-22-004** Moved by Jeffrey Martin supported by Jeffrey Marcinkowski, to designate Carly Hysell as Fiscal Officer.

Voice Vote: **Motion Carried**

**WSPB-22-005 APPROVAL OF AGENDA**

Moved by Jeffrey Martin, seconded by Jeffrey Marcinkowski, to approve the agenda as presented.

Voice Vote: **Motion Carried**

**WSPB-22-006 APPROVAL OF MINUTES**

Moved by Jeffrey Martin, seconded by Chris Hall, to approve the minutes of the Muskegon County Regional Water Policy Board meeting held on October 6, 2021.

Voice Vote: **Motion Carried**

**PUBLIC COMMENT (on an agenda item)**

None

**DISCUSSION – UPDATES**

***Engineer Services for the Eastside Water System Improvements***

Matthew Farrar stated a reliability study is required every 5 years. Matthew Farrar stated the last study included a recommendation for the Crossing Project and also watermain replacements for the Eastside Water System (ESW). Matthew Farrar stated he met with both DLZ and Prein&Newhof for pricing on the ESW projects. Matthew Farrar stated he has received pricing from Prein&Newhof. DLZ should submit their pricing by the end of the month. Matthew Farrar stated there are some grant opportunities through the State of Michigan for water projects. Carly Hysell is looking into to those. Matthew Farrar stated there are possible Federal grant monies available and he has reached out to U.S. Rep. Bill Huizenga and U.S. Rep. Peter Meijer for additional information.

Board members requested the selection of the engineer for the ESW projects be on February's agenda. Matthew Farrar stated he would like to bid the projects in November or December.

Steve Fink stated two years ago Dixon Engineering completed an evaluation on the Evanston tank and they recommended an exterior re-coat. Steve Fink stated the interior was painted in 2011 with oversight by Dixon Engineering. Steve Fink stated they would like to complete the exterior paint treatment on the Evanston water tank this year or next. Steve Fink stated only two companies in the state do this type of work, Nelson Tank Engineering and Dixon Engineering. Steve Fink stated Dixon Engineering is very familiar with the Evanston water tank having done all past inspections on it. Steve Fink stated the exterior re-coat was included as a capital improvement in the fiscal year 2022 budget.

### **Water Rates**

Matthew Farrar stated they have recently received the approved Resolution from the four Townships regarding the water rate. Matthew Farrar stated this board approved an increase to take effect in January 2022 and he is requesting to change that to February 2022.

**WSPB-22-007** Moved by Chris Hall, seconded by Jeffrey Martin, to increase the water rate effective February 1, 2022.

Yes – Cyr, Marcinkowski, Martin, Hall, Hodges

No –

Excused – Brown, Hughes

### **Motion carried**

Mathew Farrar stated the Board of Public Works approved for customers of the Muskegon County Regional Water System to participate in the Low Income Household Water Assistance Program. This program is with MDHHS and Mid Michigan Community Action Agency. Matthew Farrar stated this is for customers with past due balances. Matthew Farrar stated this is income based. Carly Hysell stated customers would need to go through MDHHS for the assistance.

### **M120 Watermain**

Matthew Farrar stated in Dalton Township there is an abandoned open dump. This dump is suspected to be leaching PFAS into the ground water going south to the river. According to the State of Michigan it has impacted the well at the HOP Child Care facility. The State of Michigan would like to put in a watermain connecting the child care facility to our water system. Matthew Farrar stated he asked the State of Michigan for funds to pay for a cost estimate from Prein&Newhof. Bottled water is being supplied.

Jeffery Martin stated he was told EGLE is working with Public Health to install filters at the HOP Child Care facility.

Matthew Farrar stated he would continue to work with the State of Michigan.

Jeffery Martin stated EGLE is drilling wells to check the ground water in the area. Jeffrey Martin stated EGLE has not received very good responses from residents to enter properties.

Matthew Farrar informed the board that the County is starting to sell some of the lots available in Business Park North. Matthew Farrar stated it has come with some challenges but there is interest.

### **Channel Crossing Project**

Steve Fink stated the pipe below the channel was pulled in the day before Christmas Eve. The site at the City of Muskegon park is pretty much cleared out and Gabe's has moved equipment to Snug Harbor. Steve Fink stated Jackson-Merkey is beginning work on the concrete meter vault. Steve Fink stated Gabe's will be starting the pilot hole under the dunes by the end of this week. Gabe's is going to try and be done by the middle of May. Gabe's has requested to go a little deeper with the pipe into the clay layer. DLZ is evaluating the request. Steve Fink stated they need to make sure the extra soil loading won't be excessive on the pipe. Steve Fink explained how going under a dune is more complicated.

**WSPB-22-008 INFORMATIONAL ITEMS**

Moved by Jeffrey Martin, seconded by Jeffrey Marcinkowski, that the following information items be received and placed on file:

1. Meter Set List for December 2021
2. Local Fund Balance Sheet for December 2021
3. Check Disbursement Report
4. Water System Monthly Report for December 2021

Voice Vote: **Motion Carried**

**UNFINISHED BUSINESS**

Commissioner Cyr asked Matthew Farrar for an update on the Baker College site. Matthew Farrar stated they are in the due diligence process of purchasing the college. Matthew Farrar stated the first step was to complete a facilities condition assessment. The draft copy of that report was just received. Matthew Farrar stated the next step of the due diligence is the space programming analysis and the cost.

Matthew Farrar stated the final rule on how the American Rescue Funds can be spent was just released and is much less restrictive.

Chris Hall asked about the Master Contract. Matthew Farrar stated they would begin meeting again in March to work on it.

Chair Hodges stated there could be an update on the old BASF site on Whitehall Road by the end of the month.

**NEW BUSINESS**

None

**AUDIENCE PARTICIPATION**

None

**ADJOURN**

There being no further business to come before the Water System Policy Board, the meeting adjourned at 10:55 a.m.

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Jennifer Hodges, Chair

# MUSKEGON MUNICIPAL WASTEWATER MANAGEMENT COMMITTEE

January 20, 2022

1:30 P.M.

Muskegon Township Hall- 1990 E. Apple Ave

## MINUTES

### Members Present

Troy Bell- Muskegon Heights

Kim Arter- Laketon Township

Jim Murphy- City of Norton Shores

Scott Huebler- City of Whitehall

Jennifer Hodges- Muskegon Township

Leo Evans- City of Muskegon

Jeff Martin- Dalton Township

Steve Biesiada- Fruitport Township

Sam Janson- North Muskegon

Ben VanHoeven- City of Roosevelt Park

Jeff Auch- City of Montague

Linda Aerts- Cedar Creek Township

### Others Present

Mike Ortega- legal counsel

Chris Patterson- legal counsel

Dave Johnson- Muskegon County

#### 1. Election of Secretary- three year term

Motion by Troy Bell and support by Jeff Martin to nominate Jennifer Hodges as Secretary for a three year term. There were no other nominations for Secretary.

Jennifer is honored to continue serving in this position.

**Motion Carried**

#### 2. Approval of the December 16, 2021 Meeting Minutes

Motion by Linda Aerts and supported by Sam Janson to approve the December 16, 2021 meeting minutes.

**Motion Carried**

#### 3. Directors Report- Dave Johnson

Director Dave Johnson summarized the Resource and Recovery Center's December 2021 monthly report that was provided in the meeting packet. Mr. Johnson presented the monthly financial report noting the operating expenses and revenues of the first 2 months of the fiscal year. The farm report is lacking this month as is typical for the season but staff is working on snow removal and maintenance projects during these cold months. The South Station Irrigation and the J Station Replacement projects are ongoing and progressing well. Currently the flows are historically low.

#### 4. Greater Muskegon Economic Development – Morgan Carroll

Morgan Carroll was unable to attend the meeting but the GMED monthly update is included for review.

5. Communications

There were no additional communications provided or discussed.

6. Unfinished Business

a. Memorandum of Understanding

Legal Counsel, Chris Patterson, provided the information on the Memorandum of Understanding that was included in the packet. Chris reminded the committee that excess operating reserves are being accumulated as a fund balance and the intent of the MOU is to address the increased fund balance while stabilizing rates based on a 3 year rolling average of usage and proportionate share. The final MOU will also include language addressing excess reserves should this happen in the future.

Committee members engaged in dialogue and provided counsel direction on how to finalize the MOU with the hopes of implementation with FY2023.

**No action was taken**

7. New Business

There were no items for new business.

8. Community Updates/Information/Public Comment

Jennifer Hodges updated the group that the former BASF site on Whitehall rd. may soon be sold.

9. Adjournment

Chair Huebler adjourned the meeting at 2:29 pm.

Respectfully submitted by Jennifer Hodges