



MARQUETTE CHARTER TOWNSHIP

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MARQUETTE TOWNSHIP BOARD - REGULAR MEETING

TUESDAY, JUNE 7, 2022 - 6:30 PM

MARQUETTE TOWNSHIP COMMUNITY CENTER

1. Call to order

- A. Pledge of Allegiance
- B. Roll Call

- 2. Public Comment (3 minutes each)** *This Board is conducting a meeting today to take care of Township business. You are allowed to address the Board at least twice tonight, but we will not have back-and-forth conversations between the staff, the Board, and the public during Public Comment. For Public Comment, or if you would like to speak on a particular agenda item, state your name and address and you have three minutes to address the Board. The Board may, but is not required to, respond at Board Member Comment immediately following Public Comment. The Board may also request follow-up with the Township Manager on some matters addressed during Public Comment.*

3. Board Member Comment in Response to Public Comment

4. Consent Agenda

- A. Approval of Regular Meeting Minutes of May 17, 2022 and Special Meeting Minutes of May 23, 2022.
- B. Bills Payable
 - 1. Bills Payable in the amount of \$197,628.97. Check's 162179 to 162254. Note any voided checks.
- C. Received Committee and Other Reports
- D. Correspondence not Requiring Board Action
 - 1. MCSWMA Draft Minutes and Presentation-Public Hearing 5-16-22
 - 2. MCSWMA-Special Meeting 5/25/22
 - 3. Before the Michigan Public Service Commission Notice of Hearing for the Gas Customers of Semco Energy Gas Company Case No. U-21212

5. Approval of the Agenda *(Declaration of Conflict of Interest, if any)*

6. Board Education/Privileged Comment

- A. Events Committee - Car Show Update
- B. Stantec Water Affordability and Planning Study Presentation

7. Community Linkage *(primarily based on the Board's Annual Plan of Work. Board member comment regarding what we are hearing from the external environment about township issues and activities.)*

8. Policy Discussion, Consideration and Development

9. Assurance of Organizational Performance

A. Board - Committee Updates

1. Planning Commission
2. Roads Committee
3. Events Committee

10. Public Comment (3 Minutes maximum)

11. Meeting Wrap-up

- A. Announcements
- B. Manager's Report
- C. Review of Motions Passed & Assignments, if any
- D. Items for Future Agenda
- E. Board Member Comment

12. Adjournment

Next Scheduled Meeting Date is June 21, 2022 at 6:30PM

**MARQUETTE TOWNSHIP BOARD
MINUTES**

**TUESDAY, MAY 17, 2022 - 6:30 PM
MARQUETTE TOWNSHIP COMMUNITY CENTER**

Call to order:

Supervisor Durant called the Meeting to Order at 6:30PM.

Pledge of Allegiance

Roll Call

Members present: Lyn Durant, Supervisor
Randy Ritari, Clerk
Ernest Johnson, Treasurer
Dan Everson, Trustee
John Markes, Trustee
Pete LaRue, Trustee

Members absent: Linda Winslow, Trustee (excused)

Staff present: Jon Kangas, Township Manager
Roger Zappa, Township Attorney
Lenny Bodenus, Superintendent of Public Works (Teleconference)

Committee Members

Present: None

Public Comment (3 minutes each):

None

Board Member Comment in Response to Public Comment:

None

Consent Agenda:

Approval of Regular Meeting Minutes of May 4, 2022 and the Special Meeting Minutes of May 11, 2022.

Bills Payable in the amount of \$260,908.34. Checks 162112 to 162178. Note any voided checks.

Received Committee and Other Reports

Correspondence not Requiring Board Action

UPPCO Case #U-21209 to Reconcile its 2021 Energy Waste Reduction Costs and Revenues and to Revise Surcharges

MCSWMA Draft Stockholder's Meeting 4-20-22, Recycling Financials and Recommended Purchase

Financial

April 2022 Financial Statement

Budget Amendment 2022-04

*Budget Amendment No. 2022-04
April 19, 2022*

**CHARTER TOWNSHIP OF MARQUETTE
FY 2022 BUDGET RESOLUTION**

WHEREAS, it is the responsibility of the Marquette Township Board to establish General and Special Appropriations Acts for the purpose of budgeting Township finances in a manner which does not allow expenditure, including any accrued deficits, to exceed revenues, including any available unappropriated surpluses, and,

WHEREAS, the Marquette Township Board recognizes that unforeseen activities may require amendments to these Appropriations Acts, such amendments shall be made by either formal resolution of the Marquette Township Board; or, by a ten percent (10%) of budget center contingency transfer authorized by the Township Manager, in such a manner so as not to allow the total expenditures, including accrued deficits, to exceed revenues and unappropriated surpluses; and,

WHEREAS, the Marquette Township Appropriations Acts for 2022 do not permit deviations which cause expenditures for any activity to exceed budgeted amounts without amendment to the Act by the Marquette Township Board or the aforementioned contingency transfer; and,

WHEREAS, the Marquette Township Board has duly reviewed the budgets for the General Appropriations Act and the Special Appropriations Act, both Acts include all funds of the Charter Township of Marquette, at public hearings of the Marquette Township Board,

THEREFORE, BE IT RESOLVED, that the Marquette Township Board hereby amends the Appropriations Acts for 2022 in accordance with budgetary information presented to this Board and the limitations defined within this Resolution.

	Current Budget	Amended Budget	Change
General Fund			
Revenues			
State Revenue Sharing	361,475	418,475	57,000
Expenditures			
Elections	25,000	29,000	4,000
Capital-Computer Equipment	0	14,000	14,000
Fund Balance (Estimated)	1,617,619	1,656,619	39,000

Authorization is requested to adjust State Revenue Sharing due to the adjustments made from the 2020 Census increase of six percent and updated State of Michigan projections. Also, requested are expenditure increases for the Elections Department for the voter ID card preparation and mailing and the August primary election applications. The Board room camera and associated equipment upgrade is also included.

Budget Amendment 2022-05

*Budget Amendment No. 2022-05
April 29, 2022*

**CHARTER TOWNSHIP OF MARQUETTE
FY 2022 BUDGET RESOLUTION**

WHEREAS, it is the responsibility of the Marquette Township Board to establish General and Special Appropriations Acts for the purpose of budgeting Township finances in a manner which does not allow expenditure, including any accrued deficits, to exceed revenues, including any available unappropriated surpluses, and,

WHEREAS, the Marquette Township Board recognizes that unforeseen activities may require amendments to these Appropriations Acts, such amendments shall be made by either formal resolution of the Marquette Township Board; or, by a ten percent (10%) of budget center contingency transfer authorized by the Township Manager, in such a manner so as not to allow the total expenditures, including accrued deficits, to exceed revenues and unappropriated surpluses; and,

WHEREAS, the Marquette Township Appropriations Acts for 2022 do not permit deviations which cause expenditures for any activity to exceed budgeted amounts without amendment to the Act by the Marquette Township Board or the aforementioned contingency transfer; and,

WHEREAS, the Marquette Township Board has duly reviewed the budgets for the General Appropriations Act and the Special Appropriations Act, both Acts include all funds of the Charter Township of Marquette, at public hearings of the Marquette Township Board,

THEREFORE, BE IT RESOLVED, that the Marquette Township Board hereby amends the Appropriations Acts for 2022 in accordance with budgetary information presented to this Board and the limitations defined within this Resolution.

	Current Budget	Amended Budget	Change
Water Fund			
Expenditures			
Water Contracted Services	15,000	83,500	68,500
Net Position	1,972,887	1,904,387	(68,500)

Authorization is requested in the Water Department to reclassify expenditures. The increase will be used to perform a Water Demand Analysis provided by OHM and a Water Supply Valuation Study performed by Raftelis.

MOTION: To approve the Consent Agenda as presented.
Motion – Trustee Markes
Second – Trustee LaRue

Roll Call Vote:

Supervisor Durant - Aye
Clerk Ritari - Aye
Treasurer Johnson -Aye
Trustee Markes -Aye
Trustee Winslow- Absent
Trustee Everson - Aye
Trustee LaRue - Aye
Carried (6-0)
Absent (1)

Approval of the Agenda:

MOTION: To approve the Regular Agenda as presented.

Motion – Clerk Ritari

Second – Trustee Markes

Carried (6-0)
Absent (1)

Board Education/Privileged Comment:

Staff Reports

Fire Department April 2022

Written Report from Chief Shanahan.

Public Works

Superintendent Bodenus, presented his report.

Attorney Report

Attorney Zappa, presented his report.

Community Linkage :

Supervisor Durant, attended the Planning Commission meeting last week, North Iron Church cleanup options, U.P. Hall of Fame dinner wrap-up, E-Bikes are not allowed on the City's non-motorized pathways, and comments on the Solid Waste Authority.

Policy Discussion, Consideration and Development:

Township Hall Automatic Door Openers
(Background from Superintendent Bodenus)

MOTION: Approve the proposal from Door Solutions and Glass for the purchase and installation of 6 automatic door openers for the not to exceed amount of \$15,765.00.

Motion – Clerk Ritari

Second – Treasurer Johnson

Carried (6-0)

Absent (1)

Review and Discuss 2022 Priority Goals
(Background from Supervisor Durant)

Various Board Discussion on 2022 Priority Goals.

Consider Resolution for Procurement Policies & Procedures After Legal Counsel Recommendations
(Background from Manager Kangas)

**MARQUETTE CHARTER TOWNSHIP
RESOLUTION TO AMEND PROCUREMENT POLICIES AND PROCEDURES**

At a regular meeting of the Township Board of the Charter Township of Marquette, Marquette County, Michigan, held at the Township Hall in the Township on the 17th day of May, 2022 at 6:30 p.m.

PRESENT: Supervisor Durant, Clerk Ritari, Treasurer Johnson, Trustee Everson, Trustee LaRue, and Trustee Markes.

ABSENT: Trustee Winslow

The following Resolution was offered by _____ and seconded by _____.

WHEREAS, the Charter Township of Marquette previously adopted a Procurement Policies and Procedures document;

WHEREAS, the Township Board has expressed its desire and intent to update the Procurement Policies and Procedures, including the expenditure limits contained therein for the Procurement Director, Department Heads, and persons subject to the Policy;

WHEREAS, Section 1.4 of the Procurement Policies and Procedures requires any amendments to be made by a formal resolution.

THEREFORE, the Marquette Township Board, Marquette County, Michigan, resolves as follows:

1. The Marquette Township Board resolves to amend the Procurement Policies and Procedures to include those provisions and updated expenditure limits as set forth in the attached Exhibit A.
2. The amended Procurement Policies and Procedures shall take effect immediately.
3. Any resolution inconsistent with this Resolution is hereby rescinded.

ADOPTED BY ROLL CALL VOTE:

YEAS:

NAYS:

ABSENT:

STATE OF MICHIGAN }
 }ss.
COUNTY OF MARQUETTE }

Randy J. Ritari, the duly qualified and acting Township Clerk of the Charter Township of Marquette, Marquette County, Michigan, DOES HEREBY CERTIFY that the foregoing is a true and complete copy of certain proceedings taken by the Township Board of said Township at a regular meeting held on the 17th day of May, 2022.

Randy J. Ritari, Township Clerk

MOTION: To adopt the Resolution for the Procurement Policies and Procedures Manual with monetary changes as presented.

Motion – Trustee Markes

Second – Clerk Ritari

Roll Call Vote:

Supervisor Durant - Aye

Clerk Ritari - Aye

Treasurer Johnson -Aye

Trustee Markes -Aye

Trustee Winslow- Absent

Trustee Everson - Aye

Trustee LaRue - Aye

Carried (6-0)

Absent (1)

Consider Resolution of Support for Par Plan Risk Reduction Grant Application
(Background from Manager Kangas)

MARQUETTE CHARTER TOWNSHIP
RESOLUTION OF SUPPORT FOR PAR PLAN RISK REDUCTION GRANT APPLICATION FOR FIRE/RESCUE EQUIPMENT
BACK-UP CAMERAS

At a regular meeting of the Township Board of the Charter Township of Marquette, Marquette County, Michigan, held at the Township Hall in the Township on the 17th day of May, 2022 at 6:30 pm.

PRESENT: Supervisor Durant, Clerk Ritari, Treasurer Johnson, Trustee Everson, Trustee LaRue, and Trustee Markes.

ABSENT: Trustee Winslow

The following Resolution was offered by _____ and seconded by _____.

WHEREAS, Marquette Charter Township supports the Marquette Township Fire/ Rescue Department submission of an application for grant

request for three vehicle mounted back-up cameras, including installation;

WHEREAS, the location of the proposed project is within the jurisdiction of Marquette Charter Township;

WHEREAS, the proposed project, if completed, will be a benefit to the community;

WHEREAS, with this resolution of support it is acknowledged that Marquette Charter Township is not committing to any obligations; financial or otherwise; and,

WHEREAS, if Marquette Township’s application to Michigan Township Participating Plan Risk Reduction Grant Program is successful and recommended for funding, this will allow for a potential reduction of back-up accidents by approximately 17% on vehicles that respond to around 50% of our yearly call volume. This grant award in combination with the projected replacement of our command vehicle and our other ambulance in 2022 and 2023 respectively will provide for all of our small vehicles to be equipped with back-up cameras; and,

THEREFORE, the Marquette Township Board, Marquette County, Michigan hereby supports submission of a Michigan Township Participating Plan Risk Reduction Grant Program application for vehicle back-up cameras.

ADOPTED BY ROLL CALL VOTE:

YEAS:

NAYES:

ABSENT:

STATE OF MICHIGAN }
 }ss.
COUNTY OF MARQUETTE }

Randy J. Ritari, the duly qualified and acting Township Clerk of the Charter Township of Marquette, Marquette County, Michigan, DOES HEREBY CERTIFY that the foregoing is a true and complete copy of certain proceedings taken by the Township Board of said Township at a regular meeting held on the 17th day of May, 2022.

Randy J. Ritari, Township Clerk

MOTION: To approve the Resolution of Support for the Risk Reduction Grant Application.

Motion – Clerk Ritari

Second – Trustee Everson

Roll Call Vote:

Supervisor Durant - Aye

Clerk Ritari - Aye

Treasurer Johnson -Aye

Trustee Markes -Aye

Trustee Winslow- Absent

Trustee Everson - Aye

Trustee LaRue - Aye

Carried (6-0)

Absent (1)

Assurance of Organizational Performance:

Board - Committee Updates

Planning Commission

Supervisor Durant, gave a brief report.

Recreation Committee

None

Events Committee

Car show on June 18, 2022 at 10:00AM to 2:00PM at the Westwood Mall Parking Lot.

Public Comment (3 Minutes maximum):

Township Sheriff Deputy, commented on some things that could help with law enforcement in the Township.

Meeting Wrap-up:

Announcements

Clerk Ritari, commented on the Public Hearing and Special Meeting coming up on May 23rd at 6:00PM, and that each voter in the Township will be getting a new voting card due to the new county commissioner districts.

Manager's Report

Manager Kangas, presented his written report.

Review of Motions Passed & Assignments, if any

Clerk Ritari, reviewed all motions from the meeting and any action items that needed to be done.

Items for Future Agenda

Library Millage Resolution and Ballot Language.

Board Member Comment

None

Adjournment:

MOTION: To Adjourn the meeting.

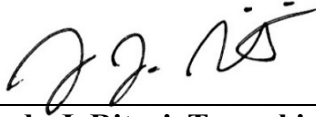
Motion –Trustee Everson

Second – Clerk Ritari

Carried (6-0)

Absent (1)

Supervisor Durant adjourned the meeting at 7:44PM.



Randy J. Ritari, Township Clerk

Lyn J. Durant, Township Supervisor

**MARQUETTE TOWNSHIP BOARD
SPECIAL MEETING MINUTES**

**MONDAY, MAY 23, 2022 - 6:00 PM
MARQUETTE TOWNSHIP COMMUNITY CENTER**

Call to order:

Supervisor Durant called the Special Meeting to Order at 6:00PM.

Pledge of Allegiance

Roll Call

Members present: Lyn Durant, Supervisor
Randy Ritari, Clerk
Ernest Johnson, Treasurer
Linda Winslow, Trustee
Dan Everson, Trustee
John Markes, Trustee
Pete LaRue, Trustee

Staff present: Jon Kangas, Township Manager
Lenny Bodenus, Superintendent of Public Works

Committee Members

Present: None

Public Comment (3 minutes each):

None

Board Member Comment in Response to Public Comment:

None

Approval of the Agenda:

MOTION: To approve the Agenda as presented.

Motion – Treasurer Johnson

Second – Trustee LaRue

Carried (7-0)

Public Hearing - CWRP Application - Wastewater Improvements:

Supervisor Durant, Opened the Public Hearing at 6:03PM.

No Comments

Supervisor Durant, Closed the Public Hearing at 6:04PM.

Lift Station Improvements Project Plan

Policy Discussion, Consideration and Development:

Consider Resolution adopting Wastewater System Improvements for the Clean Water Revolving Loan Fund

A RESOLUTION ADOPTING A FINAL PROJECT PLAN FOR WASTEWATER SYSTEM IMPROVEMENTS AND DESIGNATING AN AUTHORIZED PROJECT REPRESENTATIVE

WHEREAS, **Marquette Township** recognizes the need to make improvements to its existing wastewater treatment and collection system; and

WHEREAS, **Marquette Township** authorized **UP Engineers & Architects, Inc.** to prepare a Project Plan, which recommends the construction of **updated pumps and electronics at the Wright, Bancroft, and Huron Street Lift Stations. Also update 30-year old generators at Huron and Bancroft. Update sewer SCADA at all lift stations;** and

WHEREAS, said Project Plan was presented at a Public Hearing held on **May 23, 2022** and all public comments have been considered and addressed;

NOW THEREFORE BE IT RESOLVED, that **Marquette Township** formally adopts said Project Plan and agrees to implement the selected alternative (Alternative No. 1).

BE IT FURTHER RESOLVED, that the **Township Manager**, a position currently held by **Jon Kangas**, is designated as the authorized representative for all activities associated with the project referenced above, including the submittal of said Project Plan as the first step in applying to the State of Michigan for a revolving fund loan to assist in the implementation of the selected alternative.

Yeas:

Nays:

Abstain:

Absent:

I certify that the above Resolution was adopted by **Marquette Township** on **May 23, 2022**.

BY: Randy J. Ritari, Township Clerk
Name and Title (please print or type)

Signature Date

MOTION: To Approve the RESOLUTION ADOPTING A FINAL PROJECT PLAN FOR

WASTEWATER SYSTEM IMPROVEMENTS AND DESIGNATING AN AUTHORIZED PROJECT REPRESENTATIVE.

Motion – Treasurer Johnson

Second – Trustee Markes

Roll Call Vote:

Supervisor Durant - Aye

Clerk Ritari - Aye

Treasurer Johnson -Aye

Trustee Markes -Aye

Trustee Winslow- Aye

Trustee Everson - Aye

Trustee LaRue - Aye

Carried (7-0)

Public Comment (3 Minutes maximum):

Matt Treado, UPEA, thanked the board for passing the resolution and remaining confident with UPEA for project management and completion.

Meeting Wrap-up:

Announcements

None

Review of Motions Passed & Assignments, if any

Clerk Ritari, reviewed all motions from the meeting and any action items that needed to be done.

Board Member Comment

Trustee Winslow, wanted to know what SCADA stood for? Matt Treado from UPEA commented it stood for “Supervisory Control and Data Acquisition.”

Adjournment:

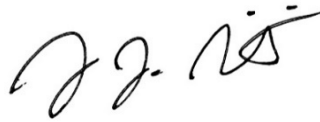
MOTION: To Adjourn the meeting.

Motion –Trustee Everson

Second – Clerk Ritari

Carried (7-0)

Supervisor Durant adjourned the meeting at 6:37PM.



Randy J. Ritari, Township Clerk

Lyn J. Durant, Township Supervisor

BILLS PAYABLE SUMMARY
6/7/22

1	5/17/22	Accounts Payable - Exempt	6,422.63
2	5/18/22	Accounts Payable - Exempt	53,845.09
3	5/19/22	Payroll-Biweekly	38,606.74
4	5/25/22	Accounts Payable - Exempt	25,713.98
5	5/31/22	Payroll-Monthly	4,212.83
6	6/1/22	Accounts Payable - Exempt	2,338.25
7	6/2/22	Payroll-Biweekly	40,960.60
8	6/7/22	Payroll-Firefighter	8,643.34
9	6/7/22	For Board Approval	16,885.51

	Total	197,628.97
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	General Fund	\$57,692.17
	Fire Fund	36,093.83
	Twp. Improvements Fund	0.00
	Wastewater Fund	41,608.48
	Library Fund	0.00
	Stormwater Fund	0.00
	Water Fund	34,451.89
	Water Restricted Fund	0.00
	Solid Waste Fund	19,804.72
	Trust and Agency Fund	7,977.88
	Total Disbursements	\$197,628.97

CHECK REGISTER REPORT
INCREDIBLE BANK

CHECK	DATE	VENDOR NAME	DESCRIPTION	ACCOUNTS	AMOUNT
162179	5/17/22	LaFayette Collision Center	2014 Ford F250 Vehicle Repairs		6,422.63
Voided Checks			Total Checks (1)		<u>6,422.63</u>

CHECK REGISTER REPORT
INCREDIBLE BANK

CHECK NO.	DATE	VENDOR NAME	DESCRIPTION	ACCOUNTS	AMOUNT
162180	5/18/22	Blue Cross Blue Shield	June Health Insurance	101-299.000-716.000	1,186.37
				590-575.000-716.000	1,683.47
				591-568.000-716.000	1,683.47
				591-569.W00-716.000	1,922.96
				701-000.000-231.000	1,886.09
162181	5/18/22	Blue Cross Blue Shield	June Health Insurance	101-257.000-716.000	555.83
				101-000.000-040.000	1,452.49
				101-721.000-716.000	1,483.50
				206-337.000-716.000	2,390.44
				101-172.000-716.000	2,109.46
162182	5/18/22	Board of Light and Power	April Electricity	701-000.000-231.000	1,532.22
				591-567.CR0-923.000	117.20
				590-582.000-923.000	1,636.53
				591-569.C00-923.000	146.11
				206-265.000-923.000	723.09
				591-569.W00-923.000	3,242.13
				101-756.000-923.000	358.58
				101-265.000-923.000	792.72
				591-580.000-923.000	437.55
				590-580.000-923.000	437.56
				591-569.N00-923.000	135.66
				591-570.000-923.000	52.11
				101-448.000-923.000	3,137.38
162186	5/18/22	City of Marquette	Bacteriological Analysis	591-570.000-801.000	75.00
162187	5/18/22	City of Marquette	April Wastewater	590-579.000-922.000	17,806.15
162188	5/18/22	Dan Shanahan	Reimburse Meal Payment	101-000.000-040.000	78.42
162189	5/18/22	DLP MQT Physicians Practices	Firefighter Physical	206-337.000-801.000	271.00
162190	5/18/22	Fox Marquette	Install N-Liner Package	206-340.000-930.000	259.00
162191	5/18/22	Hirshberg Acceptance Corp	Payroll Deduction	701-000.000-231.000	201.92
162192	5/18/22	John Cebalo	April Board Camera Operator	101-101.000-801.000	70.00
162193	5/18/22	Krist Oil	April Fuel & Reissue March Fuel Check	101-265.000-931.000	842.77
				590-578.000-863.000	256.64
				591-578.000-863.000	256.62
				206-340.000-863.000	597.67
				206-340.000-864.000	350.61
				590-578.000-726.000	15.85
				591-578.000-726.000	15.85
162194	5/18/22	Semco Energy	April Natural Gas	590-582.000-924.000	50.11
				101-756.000-924.000	41.79
162195	5/18/22	State of Michigan	Notary Application Fee - K. Clark	101-215.000-955.000	10.00
162196	5/18/22	UP Firefighters Association	Association Dues	206-337.000-812.000	45.00
162197	5/18/22	Unifirst	Mats & Uniforms	101-265.000-750.000	40.46
				590-578.000-750.000	95.51
				591-578.000-750.000	95.50
				590-580.000-726.000	8.15
				591-580.000-726.000	8.15
162198	5/18/22	UPHS-Marquette	Ambulance Intercept Fees	206-000.000-202.000	1,000.00
				206-337.000-809.000	2,250.00
Total Checks (20)					<u>53,845.09</u>

Voided
Checks

162183
162184
162185
162199

CHECK REGISTER REPORT
INCREDIBLE BANK

CHECK NO.	DATE	EMPLOYEE	DESCRIPTION	AMOUNT
DD6393 to DD6413	5/19/22	Various	Payroll - Biweekly	38,606.74
Total Checks (21)				<u>38,606.74</u>

Voided
Checks

None

CHECK REGISTER REPORT
INCREDIBLE BANK

CHECK	DATE	VENDOR NAME	DESCRIPTION	ACCOUNTS	AMOUNT
162203	5/25/22	Board of Light and Power	Meter Intercept	590-577.000-923.000	79.96
162204	5/25/22	Charles Reynolds	Ambulance Overpayment	206-000.000-040.000	7.88
162205	5/25/22	Charter Communications	Public Works Facility Cable, Internet, Phone	590-580.000-850.000	183.70
				591-580.000-850.000	183.69
162206	5/25/22	Jane Sheveland	Landfill Deposit Return	596-000.000-255.000	12.50
162207	5/25/22	Marquette Co Clerks Assn	Dues	101-215.000-812.000	20.00
162208	5/25/22	MI Association of Planning	Dues	101-721.000-812.000	725.00
162209	5/25/22	Mqt City Solid Waste Mgmt Auth	April Tipping Fees	596-526.000-816.000	4,610.64
				596-526.000-816.010	11,969.73
162210	5/25/22	Mutual of Omaha	May Life/Disability	101-172.000-716.000	110.39
				101-257.000-716.000	137.07
				101-215.000-716.000	154.83
				101-265.000-716.000	133.68
				101-299.000-716.000	60.73
				101-721.000-716.000	105.45
				101-756.000-716.000	44.57
				590-558.000-716.000	43.08
				590-560.000-716.000	22.73
				591-558.000-716.000	43.09
				591-560.000-716.000	22.73
				596-528.000-716.000	8.83
				596-560.000-716.000	19.47
				590-575.000-716.000	167.79
				591-568.000-716.000	167.80
				591-569.W00-716.000	75.24
				206-338.000-716.000	134.52
				206-337.000-716.000	91.63
162212	5/25/22	Semcoenergy Gas Company	Natural Gas	101-265.000-924.000	343.97
				591-569.C00-924.000	143.00
				591-569.N00-924.000	215.38
				206-265.000-924.000	347.78
				590-580.000-924.000	308.69
				591-580.000-924.000	308.68
				590-582.000-924.000	38.98
162213	5/25/22	State of Michigan	State Tax Withholding	701-000.000-228.020	4,357.65
162214	5/25/22	Unifirst Corporation	Mats & Uniforms	101-265.000-750.000	40.46
				590-578.000-750.000	96.00
				591-578.000-750.000	96.01
				101-265.000-726.000	80.65

25,713.98

Total Checks (12)

Voided
Checks

162211

CHECK REGISTER REPORT
INCREDIBLE BANK

CHECK NO.	DATE	EMPLOYEE	DESCRIPTION	AMOUNT
162200 to 162202	5/31/22	Various	Payroll - Monthly	4,212.83
DD6414 to DD6421				
		Total Checks (11)		<u>4,212.83</u>

Voided
Checks

None

CHECK REGISTER REPORT
INCREDIBLE BANK

CHECK	DATE	VENDOR NAME	DESCRIPTION	ACCOUNTS	AMOUNT
162215	6/1/22	Andra Ziems	April 2022 Milage	101-253.000-860.000	46.33
162216	6/1/22	Baraga Telephone Company	Long Distance	101-299.000-850.000	9.26
162217	6/1/22	Board of Light and Power	DPW Pole Attachment Fee	590-558.000-830.000	3.89
				591-558.000-830.000	3.88
162218	6/1/22	Cardmember Services	Adobe Monthly Fee	590-558.000-830.000	7.94
			Adobe Monthly Fee	591-558.000-830.000	7.95
			Notary Application & Fees - Helgren	590-558.000-955.000	10.75
				591-558.000-955.000	10.75
			MTBA Meal	101-721.000-860.000	19.64
			Virtual Water Conference- J. Kangas & L. Bodenus	591-558.000-861.000	360.00
			B&G Ballfied Keys	101-756.000-726.000	4.77
				101-171.000-860.000	50.00
			Barcode Scanner, Turb Label Printer	101-215.000-726.000	206.42
			DYMO Labels	101-215.000-726.000	64.34
			FD Helmet Mounted Flashlights	206-339.000-728.000	230.98
			School Election Meals	101-262.000-955.000	491.33
162219	6/1/22	Charter Communications	Fire Department Cable, Phone	206-337.000-810.000	82.94
				206-337.000-850.000	164.52
162220	6/1/22	Janelle Ruff	Reimburse UP Assessors Assoc Dues	101-257.000-812.000	30.00
162221	6/1/22	Pitney Bowes	2nd Qtr Postage Machine Rental	101-299.000-940.020	284.79
162222	6/1/22	Unifirst Corporation	Mats & Uniforms	101-265.000-750.000	40.46
				590-580.000-726.000	8.15
				591-580.000-726.000	8.15
				590-578.000-750.000	95.51
				591-578.000-750.000	95.50
			Total Checks (8)		<u>2,338.25</u>
Voided Checks					

CHECK REGISTER REPORT
INCREDIBLE BANK

CHECK NO.	DATE	EMPLOYEE	DESCRIPTION	AMOUNT
DD6422 to DD6442	6/2/22	Various	Payroll - Biweekly	40,960.60
		Total Checks (21)		<u>40,960.60</u>

Voided
Checks

None

CHECK REGISTER REPORT
INCREDIBLE BANK

CHECK NO.	DATE	EMPLOYEE	DESCRIPTION	AMOUNT
162246 to 162254	6/7/22	Various	Payroll - Firefighter	8,643.34
DD6443 to DD6457				
		Total Checks (11)		<u>8,643.34</u>

Voided
Checks

None

CHECK REGISTER REPORT
INCREDIBLE BANK

CHECK NO.	DATE	VENDOR NAME	DESCRIPTION	ACCOUNTS	AMOUNT
162223	6/7/22	906 Technologies	Install & Configure Assessors Desktop	101-257.000-810.000	261.64
162224	6/7/22	Associated Constructors	Concrete for Grinder Tanks	590-583.000-930.000	268.90
162225	6/7/22	Bensinger, Cotant & Menkes	Legal Services	101-721.000-803.000	312.50
				101-299.000-955.010	312.50
				591-558.000-801.000	168.75
				590-558.000-801.000	18.75
162226	6/7/22	BS & A Software	Governmental Accounting Webinar - K. Clark	101-299.000-861.000	150.00
162227	6/7/22	City of Marquette	Pumper Tank Repairs	206-340.000-930.000	1,984.52
162228	6/7/22	City of Marquette	Reimburse Ballfield Supplies	101-756.000-726.000	521.60
162229	6/7/22	Cook Sign Service	Fire Department Pickup Truck Decals	206-000.000-202.000	1,374.27
162230	6/7/22	Jefferson Fire & Safety	Fire Department Helmet and Gloves	206-339.000-750.000	527.73
162231	6/7/22	Menards	Gloves, Batteries, 2 Way Radios, Lions Field Door Handles	101-265.000-726.000	244.83
			Curb Boxes, Seed Feed and Tide Pods	590-578.000-726.000	99.78
				591-578.000-726.000	99.79
				590-578.000-930.000	9.98
				591-578.000-930.000	9.99
				590-580.000-726.000	12.10
				591-580.000-726.000	12.11
				591-572.000-930.000	51.24
				591-585.000-930.000	13.27
				101-756.000-726.000	51.98
162233	6/7/22	NAPA Auto Parts	Ambulance Oil & Light, Hydro Excavator Fuses	206-340.000-864.000	12.38
				590-578.000-930.000	12.93
				591-578.000-930.000	12.94
162234	6/7/22	North Country Disposal	Extra Containers (4)	596-528.000-880.000	1,400.00
162235	6/7/22	North Country Septic	Lions Field Portable Restroom (May)	101-756.000-801.000	325.00
162236	6/7/22	Oberstar Inc	Topsoil	591-572.000-930.000	157.50
				101-265.000-726.000	157.50
162237	6/7/22	Pride Printing	DPW Billing Forms	590-558.000-900.000	1,289.00
				591-558.000-900.000	1,289.00
162238	6/7/22	Quick Trophy	Name Tags for Helmets	206-339.000-728.000	75.00
162239	6/7/22	Quill	DPW Supplies	590-558.000-900.000	20.65
				591-558.000-900.000	20.65
162240	6/7/22	Seagrave Fire Apparatus	Pumper/Tanker Power Steering Pump Box	206-340.000-930.000	2,833.54
162241	6/7/22	U.P. Energy Systems LLC	Bancroft Liftstation Generator	590-582.000-930.000	212.50
162242	6/7/22	U.P. Engineers & Architects	Project 02254 Water/Sewer Revolving Fund Apps	590-558.000-801.000	744.00
				591-558.000-801.000	744.00
162243	6/7/22	USA Bluebook	Hyrdant Flow Tester, Rotary Drump Pump	591-569.W00-930.000	186.57
				591-584.000-726.000	525.99
162244	6/7/22	Wausau Chemical Corp	Well Chemicals	591-569.W00-726.000	275.13
162245	6/7/22	Zofia Kibit	Reimburse Wildland Boots	206-339.000-750.000	85.00
			Total Checks (23)		<u>16,885.51</u>

Voided
Checks

162232

MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY
Board Meeting Minutes
Public Hearing¹
May 16, 2022

DATE: Monday, May 16, 2022

PLACE: Landfill Administration Complex
600 County Road NP
Marquette, MI 49855

MEMBERS PRESENT: In Person: Randall Yelle, Jorma Lankinen, Carr W. Baldwin, Dave Campana, Dennis Honch, Joe Minelli and Amy Manning (Alternate Board Member)

MEMBERS ABSENT: Glenn Adams (unexcused)

EX OFFICIO: Brad Austin (in person)

OTHERS: In Person: William T. Nordeen, Attorney; Beth Bonanni, Recording Secretary; Chris Magnuson, MCSWMA; Joe Nowicki, MCSWMA; Gary Wommer, Negaunee Township; John Depetro, Marquette County Commissioner; Karen Alholm, Marquette County Commissioner; Jay Parent, EGLE; Steve Casey, LimnoTech; and Brett Schwenke, NTH Consultants, Ltd. By Zoom: Lyn Durant, Marquette Township and Rick Burns, NTH Consultants, Ltd.

1. Call to Order: R. Yelle called the meeting to order at 4:00 p.m.

Pledge of Allegiance recited.

- a. Welcome/Introductions – MCSWMA Board Chairperson, Randall Yelle

R. Yelle welcomed Jay Parent of EGLE, Brett Schwenke of NTH Consultants, John Depetro and Karen Alholm, Marquette County Commissioners, Gary Wommer, of Negaunee Township and Steve Casey of LimnoTech to the Public Hearing.

2. Open Public Hearing: Presentation of the Clean Water State Revolving Funds (CWSRF) draft project plan for a Landfill Leachate Treatment System.
 - a. Opening statement of MCSWMA – B. Austin's opening

¹ Recording Saved on Folder E, File 04/05

statement for the Public Hearing discussed the history of the Landfill. B. Austin stated MCSMWA was formed in 1988 through Public Act 641. The Landfill was constructed in 1989. The Landfill receives approximately 60,000 tons of solid waste per year. The service area includes 23 municipalities, which consists of 19 townships, 3 cities and the County of Marquette. Landfill operations include maintaining a leachate collection system. Leachate is water that passes through solid waste mass. The leachate collection system includes storage, collection and treatment of leachate. B. Austin discussed the NPDES permit, project plan, treatment of pollutants and CWSRF.

B. Austin turned over the presentation to Steve Casey of LImnoTech. Mr. Casey addressed and discussed in detail the following subjects:

- b. Water quality problems addressed by the project (to include PFAS & PFOS)
- c. Wastewater treatment alternatives considered
- d. Recommended alternative description
- e. Anticipated social and environmental impacts
- f. Mitigation measures

B. Austin finished the discussion by having C. Magnuson address the following:

g. Estimated project capital costs. C. Magnuson reported the estimated project cost is 3.827 million. It would equate to \$25.00 per household per year for the residents of Marquette County. The annual operating costs would be approximately \$882,000 for the treatment system. B. Austin clarified the \$25.00 per household figure is capital and operating expenses together.

- h. Potential project funding mechanisms

3. Public Comment and Questions. Gary Wommer commented it is quite varied on how to pay for solid waste management. Some townships and cities bill it themselves and some do it right through the company that picks up; they bill it totally different. Chocolay Township does not have anything to do with billing it, their residents pay directly to the company that picks it up. There is a myriad of ways that this is going to be paid for and it will be interesting. R. Yelle indicated a meeting will be set up with the constituent municipalities at some point to discuss the financials of the project.

C. Baldwin commented that we are all dealing with an emerging situation because PFAS has possibly some chemicals or substances that have not been found yet that we need to be concerned about so this program is quite likely to become modified as it develops and we cannot do anything about it but deal and live with it. C. Baldwin asked B. Austin if we increase the capacity significantly is there an efficiency percentage that would be less cost per gallon or million gallons? B. Austin replied that it was looked at it through the perspective of treating more and becoming more regional versus just the authority. It was difficult because of the

storage capacity that MCSWMA needed to have with approvals. When we started talking about this a couple of years ago, we thought it would be nice to move on from the lagoons. Now we are not moving on from the lagoons. We will actually need to build more lagoons but hopefully at less capacity. In looking at the partial closure of the facility, it will be to reduce the leachate footprint. We will be okay with storage capacity now but in the future with less leachate we are producing, we are designing those next set of lagoons for that lower volume of water. The challenge is that we need a certain amount of capacity to do it and we do not have the space to make it bigger. C. Baldwin said an approach could be the outlying facilities being receptive to giving up their own storage and giving it to us at a reduced rate or something like that. B. Austin said at this point in time, there is more work to be done and discussion with the municipalities.

A. Manning stated her understanding regarding reverse osmosis is one of the main reasons the consultant did not want to consider that system is because the anticipated increase in leachate and chloride concentrations over time would decrease and permeate recovery rates. A. Manning asked how is reverse osmosis substantially different than the 50% that goes into the Landfill with the other option? Steve Casey replied that the permeate recovery reduction is because of chlorides and not because of PFAS so the reverse osmosis membranes do not allow chlorides to pass. No chlorides leave the system so they are coming back in and concentrations keep going up. The higher the concentration of chlorides in the leachate, the more pressure you need to push it through the membrane. It is approximately another 10 psi for every 100 milligrams per liter of total dissolved solids. You would get more and more pressure you would need and then the percent that you could push through would get smaller.

Gary Wommer commented that the PFAS on KI Sawyer was because they were using the firefighter foam quite frequently when he was there. He wanted to know if this system was going to be considered a system on its own because sooner or later someone is going to have to clean that mess out there and it will probably be through this system. Also, is there a way to Siamese these systems together to make it work better or is anybody leaning in that direction would be a better term? Jay Parent said a lot of the contamination on the site was from the military. The challenge they are dealing with now at KI Sawyer is a fire truck was leaking into a floor drain that went into a pump station, that then went into the wastewater treatment water. They have two very large oversized storage tanks that have not been cleaned out in a long, long time (it's about 1.2 million gallons). Usually they take their sludge and spray it on the Jack Pines, that is how they get rid of it but now the PFAS in the sludge is too high so right now they are just sitting on it. An option is to put it through a valve press, press it, and then use the activated carbon to treat what comes out of the press. Maybe it can come to the Landfill that is about as close to get it so far. Gary Wommer said they had a significant site there that they continually used to use for firefighter training. They would roll the big old truck out there, take the contaminated jet fuel off and set it on fire and spray that stuff down with firefighting foam and say look at the job we are doing.

They probably put out about 20 gallons of jet fuel that went down into the ground and so did the foam. Once you put that foam on the ground, there was nothing you could do with it and that is where the PFAS is. Someday someone will clean that up but in the meantime it gets leached down through the water system just like the Landfill. Jorma Lankinen commented that Mr. Parent just said it will eventually come back through here. Steve Casey said if there is a ground water clean-up it is not going to make sense to haul that ground water here versus using activated carbon on-site just like you would with a gasoline clean-up. If there is going to be a ground water clean-up it will probably be done right on-site but the solids coming to the Landfill and creating potentially additional PFAS in the leachate, that can be managed with the activated carbon system proposed. With the County owning that facility another option would be to drive the sludge (as Jay Parent said) so that it is maybe 15 to 20% solids and then truck it to the Landfill.

Joe Minelli asked B. Austin if anyone has tried to talk to the federal government to see if there is any money available to help the Landfill clean-up Sawyer? Karen Alholm said she is on the Budget Committee for the County Board and this is a topic that has been brought up numerous times. There is federal money available to help with at least the planning. It is an ongoing issue and next time there is a Committee Meeting, Ms. Alholm will find out more what the play-by-play action is since it is being worked on.

John Depetro asked the Chairman of the Board if legal counsel who is also a County Commissioner could speak. R. Yelle said yes. B. Nordeen said there is 1.2 million gallons of sludge or liquid at Sawyer that they are trying to determine what to do with it. At one time, they were looking at encapsulating it in concrete blocks but that was expensive and would not work that well. The County was looking at spending \$2,000,000.00 to do something with the sludge. If this is an option, the County could use the money (\$2,000,000.00) that the County would use to remediate the 1.2 million gallons of sludge to help the Landfill, if it could be brought to the Landfill. Karen Alholm suggested there be a coordinated effort on this. B. Nordeen said he brought it up to Scott Erbisch, the County Administrator and Mr. Erbisch would like to know if the Landfill will be getting grants. Hopefully, we can direct our contractors to come here and be a part of the solution because it is a lot of money to do this and it is going to help the County as a whole. John Depetro said they have been working with Debbie Stabenow and Gary Peters so they are trying to get all the funding they can from the federal government and the state. C. Baldwin commented that it is nice to talk about grants and if we are eligible to get them but the reality is the country is about twenty-five trillion to forty trillion dollars in debt and he does not want to get any empty checks that bounce. On the flip side, he has a lot of confidence on our ability with technology to come up with a solution for this. This is a problem that is worldwide and someone is going to come up with an economical approach that will break the PFAS down into individual components and be able to deal with it other than burying it in the ground. That may be 1 year or 25 years from now, we have no idea.

Karen Alholm asked if the \$25.00 per household fee per year for capital and operating expenses would be going down once the capital costs are paid for? B. Austin said that is correct and the financial projection that was done ran for 6 years.

4. Close Public Hearing. R. Yelle closed the Public Hearing at 5:01 p.m.

J. Lankinen made a motion for the Authority to move forward with the Administrative Consent Order. J. Minelli supported. Motion approved unanimously.

5. MCSWMA Board and Staff Comment. None.

6. Adjournment. R. Yelle adjourned the meeting at 5:02 p.m.

Randall L. Yelle, Chairperson

Dennis Honch, Secretary

DRAFT

MCSWMA

Public Hearing
May 16, 2022

Steve Casey, PE

Senior Engineer

LimnoTech

TOPICS

- Water quality problems addressed
- Wastewater treatment alternatives
- Recommended alternative description
- Anticipated social and environmental impacts
- Mitigation measures

Water quality problems addressed by the project

- MCSWA is permitted to discharge treated leachate to the Carp River.
- The permit is due for renewal.
- Past Violations:
 - Acute Toxicity
 - Mercury
- The discharge was in compliance during 2021. The proposed system will further lower mercury levels in the discharge. The acute toxicity issue was managed by blending site stormwater.
- When the permit is renewed, additional treatment required for:
 - PFOS
 - Chloride
- EGLE has offered an Administrative Consent Order for elevated PFOS.
- Proposed system will provide more thorough BOD and suspended solids removal.
- Blending will still be required to meet chloride and acute toxicity limits.

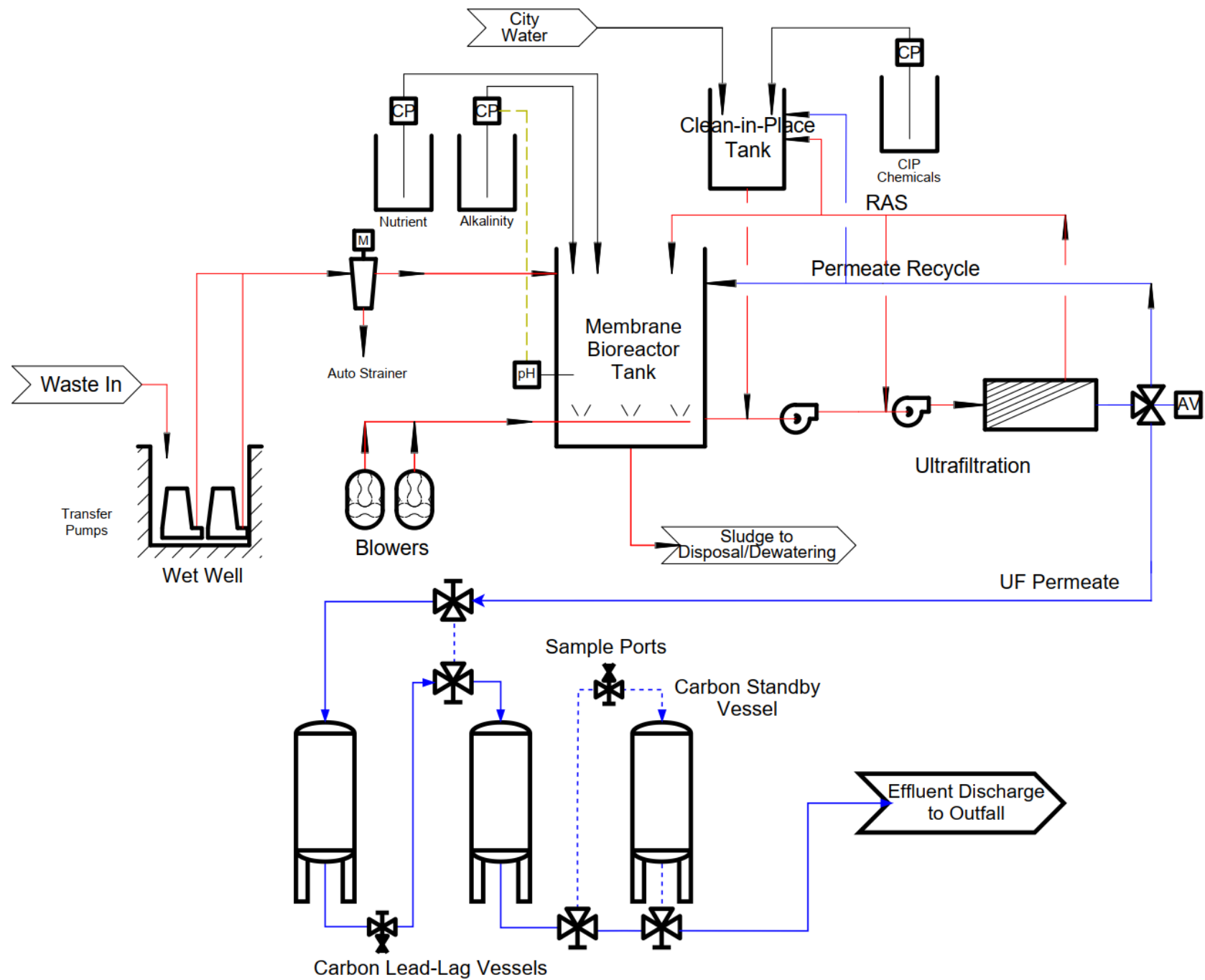
Wastewater treatment alternatives considered

- No Action
- Optimal Performance of Existing System
- Regional Alternatives (Hauling Leachate to a WWTP)
- Membrane Bioreactor (MBR)/Granular Activated Carbon (GAC)
- Reverse Osmosis
 - Concentrate returned to landfill
 - Concentrate hauled downstate and deep well injected

Recommended alternative description

Membrane Bioreactor (MBR)/Granular Activated Carbon (GAC)

- Vendor supplied 'packaged' treatment system
- Standard Activated Sludge Process
- Ultra Filtration 'Membrane' for Solids Removal
- Activated Carbon Cannisters
- Lagoons for EQ and winter storage
- Discharge only in summer/fall when ammonia limits are met
- Spent Carbon regenerated by supplier off site
- Solids recycled to existing leachate treatment/storage lagoons





Anticipated social and environmental impacts

- Social Impacts

- None expected, the project is contained within the existing landfill footprint

- Environmental Impacts

- Improved leachate discharge quality
- No other impacts anticipated

Mitigation measures

- MBR/GAC system will be housed in a small building on site
- Minor piping changes are needed
- Existing lagoons will be utilized and replaced as needed. Lagoon replacement is needed with or without this project.
- Mitigation:
 - Soil Erosion Control during construction
 - Dust Control as Needed

QUESTIONS



Table 9. Project Costs

Description	Cost
New Storage Lagoons (construction in 5 years)	\$625,000
New Storage Lagoons (construction in 10 years)	\$750,000
Leachate Transfer System	\$25,000
Building for MBR & Carbon System	\$78,000
Membrane Bioreactor System (MBR) with Post-Treatment Ultrafiltration	\$900,000
Remote Monitoring for Process Control and Alarm	\$15,000
Activated Carbon Treatment	\$50,000
Freight, Installation, Startup, Pilot Testing & Training	\$95,000
Lab Testing Equipment and Chemical Dosing Pumps for MBR	\$12,000
Online Conductivity Testing System and Motor Controlled Valve	\$10,000
Subtotal	\$2,560,000
Engineering, Planning & Contingency	\$768,000
Total Project Cost, Current Dollars	\$3,328,000
Escalation to 2025, 5% per year	\$499,200
Total Project Cost	\$3,827,200

Annual Operating Costs - MBR + Carbon Treatment System

Item Description	Cost
Maintenance, Labor, Testing, Power, etc. of Storage Lagoons	\$39,000
Labor for MBR + Carbon System - Certified Operator (including benefits)	\$19,200
Power for MBR + Carbon Equipment	\$19,680
Chemicals for MBR + Carbon	\$51,250
Equipment Maintenance for MBR + Carbon System	\$4,284
On-Site Lab Testing for MBR	\$10,000
Sludge Handling for MBR	\$15,000
Labor for Operating Carbon System - Technician (including benefits)	\$4,800
Carbon for Post MBR Treatment	\$714,000
External PFAS Lab Testing for Carbon System	\$5,000
Total Yearly Operating Costs	\$882,213

PRESENT WORTH CALCULATIONS FOR 20-YEAR PLANNING

	Alternative #1	Alternative #2A	Alternative #2B
Capital Cost	\$3,827,200	\$3,467,952	\$3,467,952
O&M	\$882,213	\$3,051,650	\$491,650
Interest (i)	-0.3%	-0.3%	-0.3%
Years (N)	20	20	20
Salvage	\$570,250	\$81,000	\$81,000
$(1 + i)^N$	0.9417	0.9417	0.9417
PW of O&M	\$18,212,496	\$62,998,576	\$10,149,673
PW of Salvage	\$605,567	\$86,017	\$86,017
Present Worth	\$22,645,263	\$66,552,544	\$13,703,642

BASIS OF DESIGN: ALTERNATIVE #1 (MBR + GAC)

Parameter	Units	Concentration	Mass Loading lb/day
BOD-5	mg/L	500.0	354
COD	mg/L	1700	1200
Suspended Solids	mg/L	15	11
Phosphorus	mg/L	1.4	1
NH ₃ - N	mg/L	600	254.2
pH	Std. Units	8.5	--
Flow	MGD	0.085	--
PFOS	ng/L	460	--
PFOA	ng/L	1100	--
Chloride	mg/L	2000	1400

3.5 Schedule for Design and Construction

A proposed project schedule is summarized in Table 8 below.

Table 8. Schedule

Task Description	Planning Date
Intent to Apply	1/26/22
MCSWMA Authorizes Project Plan Preparation	1/19/2022
Project Plan/EGLE Meeting	2/16/2022
Complete Formal Draft Project Plan	4/15/2022
Advertise for Public Hearing	4/16/2022
Hold Public Hearing	5/16/2022
Submit SRF Project Plan	6/1/2022
Design Begins	9/2022
Final Project Priority List Published	10/1/2022
Rate Methodology Approved	10/2022
Submit Part I and II SRF Application	10/2022
Complete Permits	11/2022
Finding Of No Significant Impact Clearance	9/2023
Design Complete	5/2023
Submit Bid Advertisement	6/2023
Submit Part III SRF Application	6/2023
Notice of Award To Contractor	9/2023
EGLE Order of Approval	12/2023
SRF Bonds Sold	1/2024
Construction Notice To Proceed	3/1/2024
Complete Construction	10/2025

- NOTICE -

SPECIAL BOARD MEETING

**MARQUETTE COUNTY SOLID WASTE MANAGEMENT
AUTHORITY**

LANDFILL ADMIN COMPLEX

**WEDNESDAY, MAY 25, 2022
4:00 P.M.**

AGENDA

1. ROLL CALL/CALL TO ORDER/PLEDGE OF ALLEGIANCE
2. APPROVAL OF AGENDA
3. PUBLIC COMMENT (not to exceed three minutes per person) Citizens may reserve time to speak on agenda items, not to exceed three minutes
4. BUSINESS a. Clean Water Revolving Funds Application - Resolution
5. PUBLIC COMMENT (not to exceed three minutes per person)
6. TRUSTEE COMMENTS
7. ADJOURNMENT

TO PARTICIPATE IN THE MEETING, UTILIZE THE ZOOM MEETING LINK BELOW:

MCSWMA is inviting you to a scheduled Zoom meeting.

Topic: MCSWMA Special Board Meeting

Time: May 25, 2022 04:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/81287283725?pwd=OG9LWkRLV3YvWTZhd0tET3lGYzI4QT09>

Meeting ID: 812 8728 3725

Passcode: 711233

Dial by your location

+1 929 205 6099 US

Meeting ID: 812 8728 3725

Passcode: 711233

RANDALL L. YELLE
Marquette County Solid Waste Management Authority
600 County Road NP
Marquette, MI 49855
Phone: 906-249-9169 Fax: 906-249-2120
mcswmachairman@gmail.com

Public Comment

First Public Comment:

- The public may request time to speak on an agenda item.
- Make comment on an agenda or other item.
- 3 minutes per person.
- Board members will not respond to any public comment.
- Chairperson will reply with thank you and move on.

Second Public Comment:

- Public may make comment on any issue or concern.
- 3 minutes per person.
- Board will not respond to any comment.
- Chairperson may respond by thanking the person for their comment.
- There will be no discussion on comments or questions made during public comment.



Marquette County Solid Waste Management Authority

600 COUNTY ROAD NP • MARQUETTE MI 49855

PHONE: (906) 249-4125 • FAX: (906) 249-9377

To: Board of Trustees

From: Bradley A. Austin

Date: May 25, 2022

Subject: Clean Water Revolving Funds Application- Resolution

I recommend to the board to adopt the project plan resolution for the MCSWMA wastewater treatment improvements. This resolution is a requirement for the Clean Water Revolving Funds application which is due by June 1, 2022. Upon submitting the application, the MCSWMA will be notified later this summer if the project will be considered for funding. Available funding may be a loan or a grant.

The MCSWMA recognizes that the treatment of PFAS/PFOA is fluid. At this point, only a handful of treatment technologies are considered viable to deal with these emerging pollutants. These technologies are included in the project plan we will submit.

If an alternative treatment technology is deemed viable and/or more cost effective in the future, the MCSWMA will pursue a project plan amendment. A change in the original scope of work adopted may require a public notice and hearing.

Bradley A. Austin
 Director of Operations
 MCSWMA

**A RESOLUTION ADOPTING A FINAL PROJECT PLAN
FOR WASTEWATER SYSTEM IMPROVEMENTS or
NPS POLLUTION CONTROL/STORMWATER IMPROVEMENTS AND
DESIGNATING AN AUTHORIZED PROJECT REPRESENTATIVE**

WHEREAS, the Marquette County Solid Waste Management Authority (*legal name of applicant*) recognizes the need to make improvements to its existing wastewater treatment and collection system or its existing NPS pollution control/stormwater treatment system; and

WHEREAS, the Marquette County Solid Waste Management Authority (*legal name of applicant*) authorized NTH Consultants, Ltd. (*name of consulting engineering firm*) to prepare a Project Plan, which recommends the construction of Membrane Bioreactor System and Activated Carbon Treatment

_____ ; and

WHEREAS, said Project Plan was presented at a Public Hearing held on May 16, 2022 and all public comments have been considered and addressed;

NOW THEREFORE BE IT RESOLVED, that the Marquette County Solid Waste Management Authority (*legal name of applicant*) formally adopts said Project Plan and agrees to implement the selected alternative (Alternative No. 1).

BE IT FURTHER RESOLVED, that the Director of Operations (*title of the designee's position*), a position currently held by Bradley A. Austin (*name of the designee*), is designated as the authorized representative for all activities associated with the project referenced above, including the submittal of said Project Plan as the first step in applying to the State of Michigan for a revolving fund loan to assist in the implementation of the selected alternative.

- Yeas:
- Nays:
- Abstain:
- Absent:

Marquette County Solid Waste Management Authority

I certify that the above Resolution was adopted by _____ (*the governing body of the applicant*) on May 25, 2022.

BY: Randall Yelle, Marquette County Solid Waste Management Authority, Board Chairperson
Name and Title (*please print or type*)

Signature May 25, 2022
Date

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION
NOTICE OF HEARING
FOR THE GAS CUSTOMERS OF
SEMCO ENERGY GAS COMPANY
CASE NO. U-21212

- SEMCO Energy Gas Company requests Michigan Public Service Commission’s approval of its Energy Waste Reduction 2021 Reconciliation and Annual Report Filing.
- The information below describes how a person may participate in this case.
- You may call or write SEMCO Energy Gas Company, 1411 3rd St., Suite A, Port Huron, MI 48060, 800-624-2019 for a free copy of its application. Any person may review the documents at the offices of SEMCO Energy Gas Company or on the Commission’s website at: michigan.gov/mpscedockets.
- A pre-hearing will be held:

DATE/TIME: Tuesday, June 14, 2022 at 9:00 AM

BEFORE: Administrative Law Judge Jonathan Thoits

LOCATION: Video/Teleconferencing

PARTICIPATION: Any interested person may participate. Persons needing any assistance to participate should contact the Commission's Executive Secretary at (517) 284-8090, or by email at mpscedockets@michigan.gov in advance of the hearing.

The Michigan Public Service Commission (Commission) will hold a pre-hearing to consider SEMCO Energy Gas Company’s (SEMCO) April 29, 2022 application requesting the Commission to: 1) approve the Annual Report and Reconciliation of the 2021 Energy Waste Reduction (EWR) payments and revenues as proposed by SEMCO; 2) approve the revised EWR surcharges as proposed by SEMCO; 3) approve SEMCO’s proposal to collect a Performance Incentive award of \$2,947,633; 4) approve the 2022 EWR Plan adjustments, including the revised energy savings targets and Financial Incentive Mechanism; 5) authorize SEMCO to carry forward its under recovery of \$3,962,654 into 2022 on a class basis and used as beginning balances for the 2022 reconciliation; and 6) grant SEMCO other and additional relief.

All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: michigan.gov/mpscedockets. Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: mpscedockets@michigan.gov. If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: mpscedockets@michigan.gov.

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by June 7, 2022. (Interested persons may elect to file using the traditional paper format.) The proof of service shall indicate service upon SEMCO Energy Gas Company's attorney, John A. Janiszewski, 201 Townsend St., Ste. 900, Lansing, MI 48933.

The prehearing is scheduled to be held remotely by video conference or teleconference. Persons filing a petition to intervene will be advised of the process to participate in the hearing.

Any person wishing to participate without intervention under Mich Admin Code, R 792.10413 (Rule 413), or file a public comment, may do so by filing a written statement in this docket. The written statement may be mailed or emailed and should reference Case No. U-21212. Statements may be emailed to: mpscedockets@michigan.gov. Statements may be mailed to: Executive Secretary, Michigan Public Service Commission, 7109 West Saginaw Hwy., Lansing, MI 48917. All information submitted to the Commission in this matter becomes public information, thus available on the Michigan Public Service Commission's website, and subject to disclosure. Please do not include information you wish to remain private. For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Requests for adjournment must be made pursuant to Michigan Office of Administrative Hearings and Rules R 792.10422 and R 792.10432. Requests for further information on adjournment should be directed to (517) 284-8130.

For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Jurisdiction is pursuant to 1909 PA 300, as amended, MCL 462.2 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; 2008 PA 295, as amended, MCL 460.1001 et seq., and Parts 1 & 4 of the Michigan Office of Administrative Hearings and Rules, Mich. Admin Code, R 792.10106 and R 792.10401 through R 792.10448.

Marquette Township, Michigan

FY 2021 Water & Sewer Revenue Sufficiency Analysis
Assumptions & Preliminary Results Workbook



Preliminary Financial Management Plan

Assumptions

Schedule 1

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Rate Increase Adoption Date	1/1/2021	1/1/2022	1/1/2023	1/1/2024	1/1/2025	1/1/2026	1/1/2027	1/1/2028	1/1/2029	1/1/2030	1/1/2031
Annual Growth											
Water											
Ending # of ERCs	1,894	1,903	1,913	1,922	1,932	1,942	1,951	1,961	1,971	1,981	1,991
ERC Growth	N/A	9	10	10	10	10	10	10	10	10	10
% Change in ERCs	N/A	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
Usage per ERC	52.18	52.18	52.18	52.18	52.18	52.18	52.18	52.18	52.18	52.18	52.18
% Change in Usage per ERC	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Usage (Kgal)	98,814	99,308	99,805	100,304	100,805	101,309	101,816	102,325	102,837	103,351	103,868
% Change in Usage	N/A	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
% Paying Capital Charges	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Capital Spending											
Annual Capital Budget (Future Year Dollars)	\$ 242,215	\$ 160,000	\$ 206,000	\$ 976,028	\$ 349,673	\$ 247,612	\$ 255,040	\$ 262,692	\$ 270,572	\$ 278,689	\$ 287,050
Annual Percent Executed	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Tap-In Fees											
Water Tap-In Fees	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
Average Annual Interest Earnings Rate											
On Fund Balances	0.25%	0.25%	0.50%	0.75%	1.00%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%
Operating Budget Reserve											
Target (Number of Months of Reserve)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Operating Budget Execution Percentage											
Personal Services	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Variable Operations and Maintenance	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Fixed Operations and Maintenance	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Capital Outlay	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

FY 2021 Beginning Balances as of 1/1/2021

Schedule 2

Stantec Grouping of Funds in Model

Revenue Fund

Current Unrestricted Assets

Cash and Cash Equivalents	\$ 1,829,976
Restricted Cash and Cash Equivalents	188,802
Receivables:	29,535

Total Assets	\$ 2,048,313
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Current Liabilities

Accounts and Contracts Payable	\$ (60,876)
Customer Deposits	(86,907)
Accrued Payroll and Related Liabilities	(4,532)
Accrued Interest Payable	(10,642)
Long-term Debt	(271,376)

Calculated Fund Balance (Assets - Liabilities)	\$ 1,613,980
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Plus/(Less):	-
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Net Unrestricted Fund Balance	\$ 1,613,980
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Funds Encumbered or Reserved for Projects not in the CIP	-
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Available Fund Balance	\$ 1,613,980
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Fund Summary

Revenue Fund	\$ 1,613,980
Total Available Funds	\$ 1,613,980

Preliminary Financial Management Plan

Projection of Cash Inflows

Schedule 3

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
1 Rate Revenue Growth Assumptions											
2 Water											
3 % Change in Base Revenue	N/A	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
4 % Change in Usage Revenue	N/A	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
5 Assumed Rate Revenue Increases											
6 Assumed Water Rate Increase	N/A	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
7 Water Rate Revenue											
8 Base Rate Revenue	\$ 211,078	\$ 212,133	\$ 213,194	\$ 214,260	\$ 215,331	\$ 216,408	\$ 217,490	\$ 218,577	\$ 219,670	\$ 220,769	\$ 221,872
9 Usage Rate Revenue	753,922	757,692	761,480	765,288	769,114	772,960	776,824	780,709	784,612	788,535	792,478
10 Total Water Rate Revenue	\$ 965,000	\$ 969,825	\$ 974,674	\$ 979,547	\$ 984,445	\$ 989,367	\$ 994,314	\$ 999,286	\$ 1,004,282	\$ 1,009,304	\$ 1,014,350
11 Other Operating Revenue											
12 Licenses & Permits	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000
13 Charges For Services Rendered	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
14 Private Fire Protection Chrg	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500	30,500
15 Public Fire Protection Charge	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
16 Debt Service Fee	406,340	406,340	412,123	411,326	410,396	55,870	55,872	43,498	43,498	43,498	43,498
17 Fines And Forfeits	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000
18 Other Revenue	27,500	27,500	27,500	27,500	27,500	27,500	27,500	27,500	27,500	27,500	27,500
19 Reimbursements	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400	3,400
20 Total Other Operating Revenue	\$ 508,740	\$ 508,740	\$ 514,523	\$ 513,726	\$ 512,796	\$ 158,270	\$ 158,272	\$ 145,898	\$ 145,898	\$ 145,898	\$ 145,898
21 Interest Income											
22 Unrestricted	\$ 4,134	\$ 4,542	\$ 10,426	\$ 14,478	\$ 16,852	\$ 21,854	\$ 22,514	\$ 22,762	\$ 22,574	\$ 21,945	\$ 20,851
23 Total Interest Income	\$ 4,134	\$ 4,542	\$ 10,426	\$ 14,478	\$ 16,852	\$ 21,854	\$ 22,514	\$ 22,762	\$ 22,574	\$ 21,945	\$ 20,851
24 Total Cash Inflows	\$ 1,477,874	\$ 1,483,107	\$ 1,499,623	\$ 1,507,752	\$ 1,514,093	\$ 1,169,492	\$ 1,175,101	\$ 1,167,946	\$ 1,172,755	\$ 1,177,147	\$ 1,181,100

Preliminary Financial Management Plan

Projection of Cash Outflows

Schedule 4

Account Code	Expense Line Item	Code	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	
1	591-558.000-705.000	Salary Fulltime	PS	40,053	40,010	41,210	42,447	43,720	45,032	46,383	47,774	49,207	50,683	52,204
2	591-558.000-715.000	Employer's Social Security	PS	3,070	3,100	3,193	3,289	3,387	3,489	3,594	3,702	3,813	3,927	4,045
3	591-558.000-716.000	Hospitalization	PS	690	1,059	1,112	1,168	1,226	1,287	1,352	1,419	1,490	1,565	1,643
4	591-558.000-718.000	Pension	PS	4,917	6,185	6,371	6,562	6,759	6,961	7,170	7,385	7,607	7,835	8,070
5	591-558.000-720.000	Worker's Compensation	PS	117	140	144	149	153	158	162	167	172	177	183
6	591-558.000-726.000	Supplies	OMF	450	450	466	482	499	516	534	553	573	593	613
7	591-558.000-801.000	Contracted Services	OMF	15,000	15,000	15,525	16,068	16,631	17,213	17,815	18,439	19,084	19,752	20,443
8	591-558.000-806.000	Accounting Services	OMF	2,000	1,920	1,987	2,057	2,129	2,203	2,280	2,360	2,443	2,528	2,617
9	591-558.000-812.000	Membership Dues & Sub.	OMV	1,300	1,750	1,811	1,875	1,940	2,008	2,078	2,151	2,226	2,304	2,385
10	591-558.000-830.000	Fees	OMF	15,509	15,000	15,525	16,068	16,631	17,213	17,815	18,439	19,084	19,752	20,443
11	591-558.000-850.000	Phone	OMF	4,500	4,500	4,658	4,821	4,989	5,164	5,345	5,532	5,725	5,926	6,133
12	591-558.000-860.000	Travel & Conference	OMV	800	800	828	857	887	918	950	983	1,018	1,053	1,090
13	591-558.000-861.000	Education, Training	OMV	1,500	1,500	1,553	1,607	1,663	1,721	1,782	1,844	1,908	1,975	2,044
14	591-558.000-900.000	Printing & Publishing	OMF	1,800	1,800	1,863	1,928	1,996	2,066	2,138	2,213	2,290	2,370	2,453
15	591-558.000-910.000	Insurance	PS	1,500	1,500	1,575	1,654	1,736	1,823	1,914	2,010	2,111	2,216	2,327
16	591-558.000-930.000	Repair & Maintenance	OMF	165	205	212	220	227	235	243	252	261	270	279
17	591-558.000-940.030	Postage	OMF	3,500	3,500	3,623	3,749	3,881	4,016	4,157	4,302	4,453	4,609	4,770
18	591-558.000-955.000	Miscellaneous	OMF	1,700	500	518	536	554	574	594	615	636	658	681
19	591-558.000-961.000	Employee Safety Expense	OMF	200	200	207	214	222	230	238	246	254	263	273
20	591-558.000-965.000	Interest Paid - Deposits	OMF	300	0	0	0	0	0	0	0	0	0	0
Dept 560.000 - CUSTOMER ACCOUNTS														
21	591-560.000-705.000	Salary Full Time	PS	19,889	19,530	20,116	20,719	21,341	21,981	22,641	23,320	24,019	24,740	25,482
22	591-560.000-715.000	Employer's Social Security	PS	1,523	1,505	1,550	1,597	1,645	1,694	1,745	1,797	1,851	1,906	1,964
23	591-560.000-716.000	Hospitalization	PS	385	285	299	314	330	346	364	382	401	421	442
24	591-560.000-718.000	Pension	PS	2,258	2,485	2,560	2,636	2,715	2,797	2,881	2,967	3,056	3,148	3,242
25	591-560.000-710.000	Worker's Compensation	PS	0	35	36	37	38	39	41	42	43	44	46
26	591-560.000-720.000	Worker'S Compensation	PS	28	0	0	0	0	0	0	0	0	0	0
27	591-560.000-726.000	Supplies	OMF	1,887	1,566	1,621	1,678	1,736	1,797	1,860	1,925	1,992	2,062	2,134
Dept 566.000 - MASTER METER														
28	591-566.000-726.000	Supplies	OMF	100	100	104	107	111	115	119	123	127	132	136
29	591-566.000-801.000	Contracted Services	OMF	2,500	2,500	2,588	2,678	2,772	2,869	2,969	3,073	3,181	3,292	3,407
30	591-566.000-930.000	Repair & Maintenance	OMF	250	250	259	268	277	287	297	307	318	329	341
Dept 567.C00 - WATER RESERVOIRS - COX														
31	591-567.C00-726.000	Supplies	OMF	100	100	104	107	111	115	119	123	127	132	136
32	591-567.C00-801.000	Contracted Services	OMF	500	500	518	536	554	574	594	615	636	658	681
33	591-567.C00-930.000	Repair & Maintenance	OMF	1,000	1,000	1,035	1,071	1,109	1,148	1,188	1,229	1,272	1,317	1,363
Dept 567.CR0 - WATER RESERVOIRS -CHAPEL RIDGE														
34	591-567.CR0-726.000	Supplies	OMF	100	100	104	107	111	115	119	123	127	132	136
35	591-567.CR0-801.000	Contracted Services	OMF	1,000	1,000	1,035	1,071	1,109	1,148	1,188	1,229	1,272	1,317	1,363
36	591-567.CR0-923.000	Electricity	OMF	1,200	1,200	1,260	1,323	1,389	1,459	1,532	1,608	1,689	1,773	1,862
37	591-567.CR0-930.000	Repair & Maintenance	OMF	1,500	1,500	1,553	1,607	1,663	1,721	1,782	1,844	1,908	1,975	2,044
Dept 567.N00 - WATER RESERVOIRS - NORTHWOODS														
38	591-567.N00-726.000	Supplies	OMF	100	100	104	107	111	115	119	123	127	132	136
39	591-567.N00-801.000	Contracted Services	OMF	4,000	4,000	4,140	4,285	4,435	4,590	4,751	4,917	5,089	5,267	5,452
40	591-567.N00-930.000	Repair & Maintenance	OMF	120,000	1,000	1,035	1,071	1,109	1,148	1,188	1,229	1,272	1,317	1,363
Dept 568.000 - WATER SYSTEM SALARIES														
41	591-568.000-705.000	Salary-Fulltime	PS	167,615	133,050	137,042	141,153	145,387	149,749	154,241	158,869	163,635	168,544	173,600
42	591-568.000-707.000	Stand By Pay	PS	7,680	7,500	7,725	7,957	8,195	8,441	8,695	8,955	9,224	9,501	9,786
43	591-568.000-708.000	Overtime Pay	PS	9,226	7,500	7,725	7,957	8,195	8,441	8,695	8,955	9,224	9,501	9,786
44	591-568.000-715.000	Employer's Social Security	PS	14,405	11,350	11,691	12,041	12,402	12,775	13,158	13,552	13,959	14,378	14,809
45	591-568.000-716.000	Hospitalization	PS	53,875	29,425	30,308	31,217	32,153	33,118	34,112	35,135	36,189	37,275	38,393
46	591-568.000-718.000	Pension	PS	25,138	21,200	21,836	22,491	23,166	23,861	24,577	25,314	26,073	26,856	27,661
47	591-568.000-720.000	Workers Compensation	PS	4,500	3,750	3,863	3,978	4,098	4,221	4,347	4,478	4,612	4,750	4,893
Dept 569.C00 - WATER PUMPING STATION - COX														
48	591-569.C00-726.000	Supplies	OMF	100	300	311	321	333	344	356	369	382	395	409
49	591-569.C00-801.000	Contracted Services	OMF	500	500	518	536	554	574	594	615	636	658	681
50	591-569.C00-921.000	Water Usage	OMF	350	350	368	386	405	425	447	469	492	517	543
51	591-569.C00-923.000	Electricity	OMF	3,000	3,000	3,150	3,308	3,473	3,647	3,829	4,020	4,221	4,432	4,654
52	591-569.C00-924.000	Natural Gas	OMF	2,000	2,000	2,100	2,205	2,315	2,431	2,553	2,680	2,814	2,955	3,103
53	591-569.C00-926.000	Sewer Usage	OMF	350	350	368	386	405	425	447	469	492	517	543
54	591-569.C00-930.000	Repair & Maintenance	OMF	2,500	1,500	1,553	1,607	1,663	1,721	1,782	1,844	1,908	1,975	2,044
Dept 569.N00 - WATER PUMPING STATION - NORTHWOODS														
55	591-569.N00-726.000	Supplies	OMF	100	100	104	107	111	115	119	123	127	132	136
56	591-569.N00-801.000	Contracted Services	OMF	500	500	518	536	554	574	594	615	636	658	681

Preliminary Financial Management Plan

Projection of Cash Outflows

Schedule 4

Account Code	Expense Line Item	Code	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
109	Variable Operations & Maintenance		10,000	10,450	10,816	11,194	11,586	11,992	12,411	12,846	13,295	13,761	14,242
110	Operations & Maintenance		415,326	294,091	306,795	320,064	333,923	348,401	363,525	379,325	395,832	413,078	431,097
111	Total Expenses		\$ 884,880	\$ 703,194	\$ 728,280	\$ 754,307	\$ 781,313	\$ 809,336	\$ 838,417	\$ 868,599	\$ 899,924	\$ 932,439	\$ 966,192
112	Personal Services		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
113	Variable Operations & Maintenance		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
114	Operations & Maintenance		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
115	Total Expenses at Execution												
116	Personal Services		\$ 459,554	\$ 398,653	\$ 410,669	\$ 423,049	\$ 435,803	\$ 448,943	\$ 462,481	\$ 476,428	\$ 490,797	\$ 505,601	\$ 520,853
117	Variable Operations & Maintenance		10,000	10,450	10,816	11,194	11,586	11,992	12,411	12,846	13,295	13,761	14,242
118	Operations & Maintenance		415,326	294,091	306,795	320,064	333,923	348,401	363,525	379,325	395,832	413,078	431,097
120	Total Expenses at Execution		\$ 884,880	\$ 703,194	\$ 728,280	\$ 754,307	\$ 781,313	\$ 809,336	\$ 838,417	\$ 868,599	\$ 899,924	\$ 932,439	\$ 966,192
121	Debt Service												
122	PW Facility - Principal		\$ 21,376	\$ 22,049	\$ 22,743	\$ 23,460	\$ 24,199	\$ 24,961	\$ 25,748	\$ 26,559	\$ 27,395	\$ 28,258	\$ 29,149
123	PW Facility - Interest		13,083	12,409	11,715	10,998	10,259	9,497	8,710	7,899	7,063	6,200	5,309
124	Wastewater Fund - Principal		9,143	9,234	9,326	9,419	9,514	9,608	9,705	-	-	-	-
125	Wastewater Fund - Interest		659	568	476	383	288	193	97	-	-	-	-
126	DWRF - Principal		250,000	255,000	265,000	270,000	275,000	-	-	-	-	-	-
127	DWRF - Interest		27,944	22,631	17,212	11,581	5,844	-	-	-	-	-	-
128	Total Debt Service		\$ 322,205	\$ 321,891	\$ 326,472	\$ 325,841	\$ 325,104	\$ 44,259	\$ 44,260	\$ 34,458	\$ 34,458	\$ 34,458	\$ 34,458
129	Cash-Funded Capital												
130	Projects Designated To Be Funded with Cash		\$ 242,215	\$ 160,000	\$ 206,000	\$ 976,028	\$ 349,673	\$ 247,612	\$ 255,040	\$ 262,692	\$ 270,572	\$ 278,689	\$ 287,050
131	Total Cash-Funded Capital		\$ 242,215	\$ 160,000	\$ 206,000	\$ 976,028	\$ 349,673	\$ 247,612	\$ 255,040	\$ 262,692	\$ 270,572	\$ 278,689	\$ 287,050
132	Total Cash Outflows		\$1,449,300	\$1,185,085	\$1,260,752	\$2,056,176	\$1,456,090	\$1,101,207	\$1,137,718	\$1,165,748	\$1,204,954	\$1,245,587	\$ 1,287,700

Cost Escalation Factors

Schedule 5

Category	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Salaries & Wages	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Health Insurance	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Retirement	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Repair & Maintenance	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Fuel, Utilities, Chemicals	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Admin Services	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%

Preliminary Financial Management Plan

Capital Improvement Program (CIP)

Schedule 6

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	Total Cost	
Category 1													
1	PW Facility Roof	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	
2	Hydrant Replacements	-	-	95,000	95,000	95,000	95,000	95,000	95,000	95,000	95,000	\$ 855,000	
3	Service Trucks	-	-	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	\$ 225,000	
4	SCADA Upgrade	-	-	80,000	-	-	-	-	-	-	-	\$ 80,000	
5	Cox Generator/ATS (Approved)	-	-	-	800,000	-	-	-	-	-	-	\$ 800,000	
6	Previously Budgeted Projects	242,215	-	-	-	-	-	-	-	-	-	\$ 242,215	
7	Utility Relocation	-	60,000	-	-	-	-	-	-	-	-	\$ 60,000	
8	Water Tank Painting	-	-	-	-	100,000	-	-	-	-	-	\$ 100,000	
9	Future/Additional CIP	-	-	-	-	100,000	100,000	100,000	100,000	100,000	100,000	\$ 700,000	
10	Total CIP Budget (in current dollars)	\$ 242,215	\$ 160,000	\$ 200,000	\$ 920,000	\$ 320,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 220,000	\$ 3,162,215	
11	Cumulative Projected Cost Escalation ¹	0.0%	0.0%	3.0%	6.1%	9.3%	12.6%	15.9%	19.4%	23.0%	26.7%	30.5%	
12	Resulting CIP Funding Level	\$ 242,215	\$ 160,000	\$ 206,000	\$ 976,028	\$ 349,673	\$ 247,612	\$ 255,040	\$ 262,692	\$ 270,572	\$ 278,689	\$ 287,050	\$ 3,535,571
13	Annual CIP Execution Percentage	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
14	Final CIP Funding Level	\$ 242,215	\$ 160,000	\$ 206,000	\$ 976,028	\$ 349,673	\$ 247,612	\$ 255,040	\$ 262,692	\$ 270,572	\$ 278,689	\$ 287,050	\$ 3,535,571

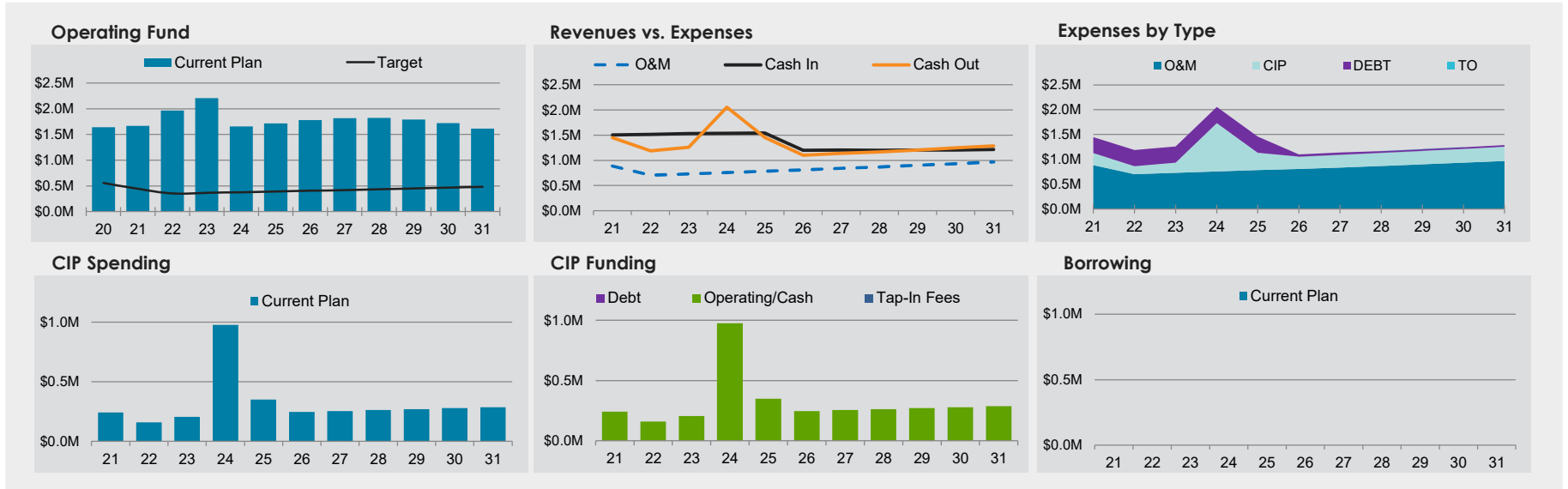
¹ CIP Escalation factors are consistent with the Engineering News Record Construction Cost Index.



MARQUETTE TOWNSHIP



	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2023	FY 2028
Water Rate Plan	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	Cumulative 0.00% 0.00%	
Senior-Lien DSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Scenario Manager	
All-In DSC	1.84	2.42	2.36	2.31	2.25	8.14	7.61	8.69	7.92	7.10	6.24		
Total Single Family Bill	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04		



Preliminary Financial Management Plan

Pro Forma

Schedule 8

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
1 Operating Revenue											
2 Water, Rate Revenue	\$ 965,000	\$ 965,000	\$ 969,825	\$ 974,674	\$ 979,547	\$ 984,445	\$ 989,367	\$ 994,314	\$ 999,286	\$ 1,004,282	\$ 1,009,304
3 Change in Revenue From Growth	-	4,825	4,849	4,873	4,898	4,922	4,947	4,972	4,996	5,021	5,047
4 Subtotal	\$ 965,000	\$ 969,825	\$ 974,674	\$ 979,547	\$ 984,445	\$ 989,367	\$ 994,314	\$ 999,286	\$ 1,004,282	\$ 1,009,304	\$ 1,014,350
5 <i>Weighted Average Rate Increase</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>	<i>0.00%</i>
6 Total Rate Revenue	\$ 965,000	\$ 969,825	\$ 974,674	\$ 979,547	\$ 984,445	\$ 989,367	\$ 994,314	\$ 999,286	\$ 1,004,282	\$ 1,009,304	\$ 1,014,350
7 Plus: Other Operating Revenue	508,740	508,740	514,523	513,726	512,796	158,270	158,272	145,898	145,898	145,898	145,898
8 Equals: Total Operating Revenue	\$ 1,473,740	\$ 1,478,565	\$ 1,489,197	\$ 1,493,274	\$ 1,497,241	\$ 1,147,638	\$ 1,152,586	\$ 1,145,184	\$ 1,150,180	\$ 1,155,202	\$ 1,160,248
9 Less: Operating Expenses											
10 Personal Services	\$ (459,554)	\$ (398,653)	\$ (410,669)	\$ (423,049)	\$ (435,803)	\$ (448,943)	\$ (462,481)	\$ (476,428)	\$ (490,797)	\$ (505,601)	\$ (520,853)
11 Operations & Maintenance Costs	(415,326)	(294,091)	(306,795)	(320,064)	(333,923)	(348,401)	(363,525)	(379,325)	(395,832)	(413,078)	(431,097)
12 Equals: Net Operating Income	\$ 588,860	\$ 775,371	\$ 760,917	\$ 738,967	\$ 715,928	\$ 338,302	\$ 314,169	\$ 276,585	\$ 250,257	\$ 222,763	\$ 194,056
13 Plus: Non-Operating Income/(Expense)											
14 Interest Income	4,134	4,542	10,426	14,478	16,852	21,854	22,514	22,762	22,574	21,945	20,851
15 Water Tap-In Fees	28,266	28,408	28,550	28,692	28,836	28,980	29,125	29,271	29,417	29,564	29,712
16 Equals: Net Income	\$ 621,260	\$ 808,320	\$ 799,892	\$ 782,137	\$ 761,616	\$ 389,136	\$ 365,808	\$ 328,618	\$ 302,248	\$ 274,272	\$ 244,620
17 Less: Revenues Excluded From Coverage Test											
18 Tap-In Fees	\$ (28,266)	\$ (28,408)	\$ (28,550)	\$ (28,692)	\$ (28,836)	\$ (28,980)	\$ (29,125)	\$ (29,271)	\$ (29,417)	\$ (29,564)	\$ (29,712)
19 Equals: Net Income Available For Debt Service	\$ 592,994	\$ 779,913	\$ 771,343	\$ 753,445	\$ 732,780	\$ 360,156	\$ 336,683	\$ 299,347	\$ 272,831	\$ 244,708	\$ 214,908
20 Subordinate Debt Service Coverage Test											
21 Net Income Available for Subordinate Debt Service	\$ 592,994	\$ 779,913	\$ 771,343	\$ 753,445	\$ 732,780	\$ 360,156	\$ 336,683	\$ 299,347	\$ 272,831	\$ 244,708	\$ 214,908
22 Existing Subordinate Debt	322,205	321,891	326,472	325,841	325,104	44,259	44,260	34,458	34,458	34,458	34,458
23 Cumulative New Subordinate Debt Service (calculated)	-	-	-	-	-	-	-	-	-	-	-
24 Total Annual Subordinate Debt Service	\$ 322,205	\$ 321,891	\$ 326,472	\$ 325,841	\$ 325,104	\$ 44,259	\$ 44,260	\$ 34,458	\$ 34,458	\$ 34,458	\$ 34,458
25 <i>Calculated Subordinate Debt Service Coverage</i>	<i>1.84</i>	<i>2.42</i>	<i>2.36</i>	<i>2.31</i>	<i>2.25</i>	<i>8.14</i>	<i>7.61</i>	<i>8.69</i>	<i>7.92</i>	<i>7.10</i>	<i>6.24</i>
26 Total All-In Debt Service Coverage Test											
27 Net Income Available for Subordinate Debt Service	\$ 592,994	\$ 779,913	\$ 771,343	\$ 753,445	\$ 732,780	\$ 360,156	\$ 336,683	\$ 299,347	\$ 272,831	\$ 244,708	\$ 214,908
28 Total Senior-Lien Debt Service	-	-	-	-	-	-	-	-	-	-	-
29 Total Subordinate Debt Service	322,205	321,891	326,472	325,841	325,104	44,259	44,260	34,458	34,458	34,458	34,458
30 Total Annual Debt Service	\$ 322,205	\$ 321,891	\$ 326,472	\$ 325,841	\$ 325,104	\$ 44,259	\$ 44,260	\$ 34,458	\$ 34,458	\$ 34,458	\$ 34,458
31 <i>Calculated All-In Debt Service Coverage</i>	<i>1.84</i>	<i>2.42</i>	<i>2.36</i>	<i>2.31</i>	<i>2.25</i>	<i>8.14</i>	<i>7.61</i>	<i>8.69</i>	<i>7.92</i>	<i>7.10</i>	<i>6.24</i>
32 Cash Flow Test											
33 Net Income Available For Debt Service	\$ 592,994	\$ 779,913	\$ 771,343	\$ 753,445	\$ 732,780	\$ 360,156	\$ 336,683	\$ 299,347	\$ 272,831	\$ 244,708	\$ 214,908
34 Less: Non-Operating Expenditures											
35 Net Debt Service Payment	(322,205)	(321,891)	(326,472)	(325,841)	(325,104)	(44,259)	(44,260)	(34,458)	(34,458)	(34,458)	(34,458)
36 Net Cash Flow	\$ 270,789	\$ 458,022	\$ 444,871	\$ 427,604	\$ 407,676	\$ 315,897	\$ 292,423	\$ 264,889	\$ 238,373	\$ 210,250	\$ 180,450
37 Unrestricted Reserve Fund Test											
38 Balance At Beginning Of Fiscal Year	\$ 1,639,136	\$ 1,667,710	\$ 1,965,731	\$ 2,204,602	\$ 1,656,178	\$ 1,714,181	\$ 1,782,466	\$ 1,819,849	\$ 1,822,047	\$ 1,789,848	\$ 1,721,408
39 Cash Flow Surplus/(Deficit)	270,789	458,022	444,871	427,604	407,676	315,897	292,423	264,889	238,373	210,250	180,450
40 Projects Designated To Be Paid With Cash	(242,215)	(160,000)	(206,000)	(976,028)	(349,673)	(247,612)	(255,040)	(262,692)	(270,572)	(278,689)	(287,050)
41 Projects Paid With Non Specified Funds	-	-	-	-	-	-	-	-	-	-	-
42 Balance At End Of Fiscal Year	\$ 1,667,710	\$ 1,965,731	\$ 2,204,602	\$ 1,656,178	\$ 1,714,181	\$ 1,782,466	\$ 1,819,849	\$ 1,822,047	\$ 1,789,848	\$ 1,721,408	\$ 1,614,808
43 Minimum Working Capital Reserve Target	442,440	351,597	364,140	377,154	390,656	404,668	419,209	434,299	449,962	466,220	483,096
44 Excess/(Deficiency) Of Working Capital To Target	\$ 1,225,270	\$ 1,614,134	\$ 1,840,462	\$ 1,279,024	\$ 1,323,525	\$ 1,377,798	\$ 1,400,640	\$ 1,387,748	\$ 1,339,886	\$ 1,255,189	\$ 1,131,712

Preliminary Financial Management Plan

Capital Project Funding Summary

Schedule 9

Final Capital Projects Funding Sources	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Water Tap-In Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Fund	-	-	-	-	-	-	-	-	-	-	-
Senior-Lien Debt Proceeds	-	-	-	-	-	-	-	-	-	-	-
Projects Designated To Be Paid With Cash	242,215	160,000	206,000	976,028	349,673	247,612	255,040	262,692	270,572	278,689	287,050
Total Projects Paid	\$ 242,215	\$ 160,000	\$ 206,000	\$ 976,028	\$ 349,673	\$ 247,612	\$ 255,040	\$ 262,692	\$ 270,572	\$ 278,689	\$ 287,050

Preliminary Financial Management Plan

Funding Summary by Fund

Schedule 10

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Water Tap-In Fees											
Balance At Beginning Of Fiscal Year	\$ -	\$ 28,302	\$ 56,815	\$ 85,720	\$ 115,163	\$ 145,295	\$ 176,272	\$ 207,782	\$ 239,833	\$ 272,432	\$ 305,586
Annual Revenues	28,266	28,408	28,550	28,692	28,836	28,980	29,125	29,271	29,417	29,564	29,712
Less: Annual Expenses	-	-	-	-	-	-	-	-	-	-	-
Less: Payment Of Debt Service	-	-	-	-	-	-	-	-	-	-	-
Subtotal	\$ 28,266	\$ 56,709	\$ 85,365	\$ 114,413	\$ 143,999	\$ 174,275	\$ 205,397	\$ 237,053	\$ 269,250	\$ 301,996	\$ 335,298
Less: Restricted Funds	-	-	-	-	-	-	-	-	-	-	-
Total Amount Available For Projects	\$ 28,266	\$ 56,709	\$ 85,365	\$ 114,413	\$ 143,999	\$ 174,275	\$ 205,397	\$ 237,053	\$ 269,250	\$ 301,996	\$ 335,298
Amount Paid For Projects	-	-	-	-	-	-	-	-	-	-	-
Subtotal	\$ 28,266	\$ 56,709	\$ 85,365	\$ 114,413	\$ 143,999	\$ 174,275	\$ 205,397	\$ 237,053	\$ 269,250	\$ 301,996	\$ 335,298
Add Back: Restricted Funds	-	-	-	-	-	-	-	-	-	-	-
Plus: Interest Earnings	35	106	355	750	1,296	1,997	2,385	2,780	3,182	3,590	4,006
Less: Interest Allocated To Cash Flow	-	-	-	-	-	-	-	-	-	-	-
Balance At End Of Fiscal Year	\$ 28,302	\$ 56,815	\$ 85,720	\$ 115,163	\$ 145,295	\$ 176,272	\$ 207,782	\$ 239,833	\$ 272,432	\$ 305,586	\$ 339,303
Revenue Fund											
Balance At Beginning Of Fiscal Year	\$ 1,639,136	\$ 1,667,710	\$ 1,965,731	\$ 2,204,602	\$ 1,656,178	\$ 1,714,181	\$ 1,782,466	\$ 1,819,849	\$ 1,822,047	\$ 1,789,848	\$ 1,721,408
Net Cash Flow	270,789	458,022	444,871	427,604	407,676	315,897	292,423	264,889	238,373	210,250	180,450
Less: Cash-Funded Capital Projects	(242,215)	(160,000)	(206,000)	(976,028)	(349,673)	(247,612)	(255,040)	(262,692)	(270,572)	(278,689)	(287,050)
Less: Payment Of Debt Service	-	-	-	-	-	-	-	-	-	-	-
Subtotal	\$ 1,667,710	\$ 1,965,731	\$ 2,204,602	\$ 1,656,178	\$ 1,714,181	\$ 1,782,466	\$ 1,819,849	\$ 1,822,047	\$ 1,789,848	\$ 1,721,408	\$ 1,614,808
Less: Restricted Funds	(442,440)	(351,597)	(364,140)	(377,154)	(390,656)	(404,668)	(419,209)	(434,299)	(449,962)	(466,220)	(483,096)
Total Amount Available For Projects	\$ 1,225,270	\$ 1,614,134	\$ 1,840,462	\$ 1,279,024	\$ 1,323,525	\$ 1,377,798	\$ 1,400,640	\$ 1,387,748	\$ 1,339,886	\$ 1,255,189	\$ 1,131,712
Amount Paid For Projects	-	-	-	-	-	-	-	-	-	-	-
Subtotal	\$ 1,225,270	\$ 1,614,134	\$ 1,840,462	\$ 1,279,024	\$ 1,323,525	\$ 1,377,798	\$ 1,400,640	\$ 1,387,748	\$ 1,339,886	\$ 1,255,189	\$ 1,131,712
Add Back: Restricted Funds	442,440	351,597	364,140	377,154	390,656	404,668	419,209	434,299	449,962	466,220	483,096
Plus: Interest Earnings	4,134	4,542	10,426	14,478	16,852	21,854	22,514	22,762	22,574	21,945	20,851
Less: Interest Allocated To Cash Flow	(4,134)	(4,542)	(10,426)	(14,478)	(16,852)	(21,854)	(22,514)	(22,762)	(22,574)	(21,945)	(20,851)
Balance At End Of Fiscal Year	\$ 1,667,710	\$ 1,965,731	\$ 2,204,602	\$ 1,656,178	\$ 1,714,181	\$ 1,782,466	\$ 1,819,849	\$ 1,822,047	\$ 1,789,848	\$ 1,721,408	\$ 1,614,808

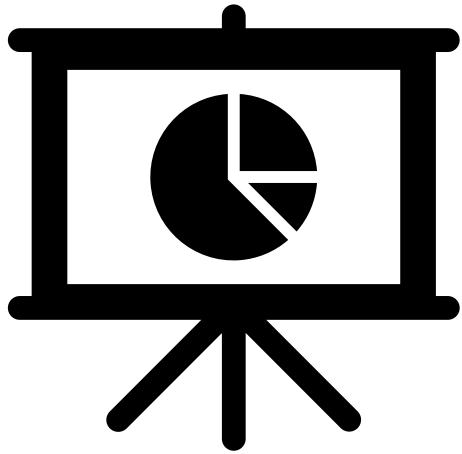


Marquette Township

Water Revenue Sufficiency Work Session

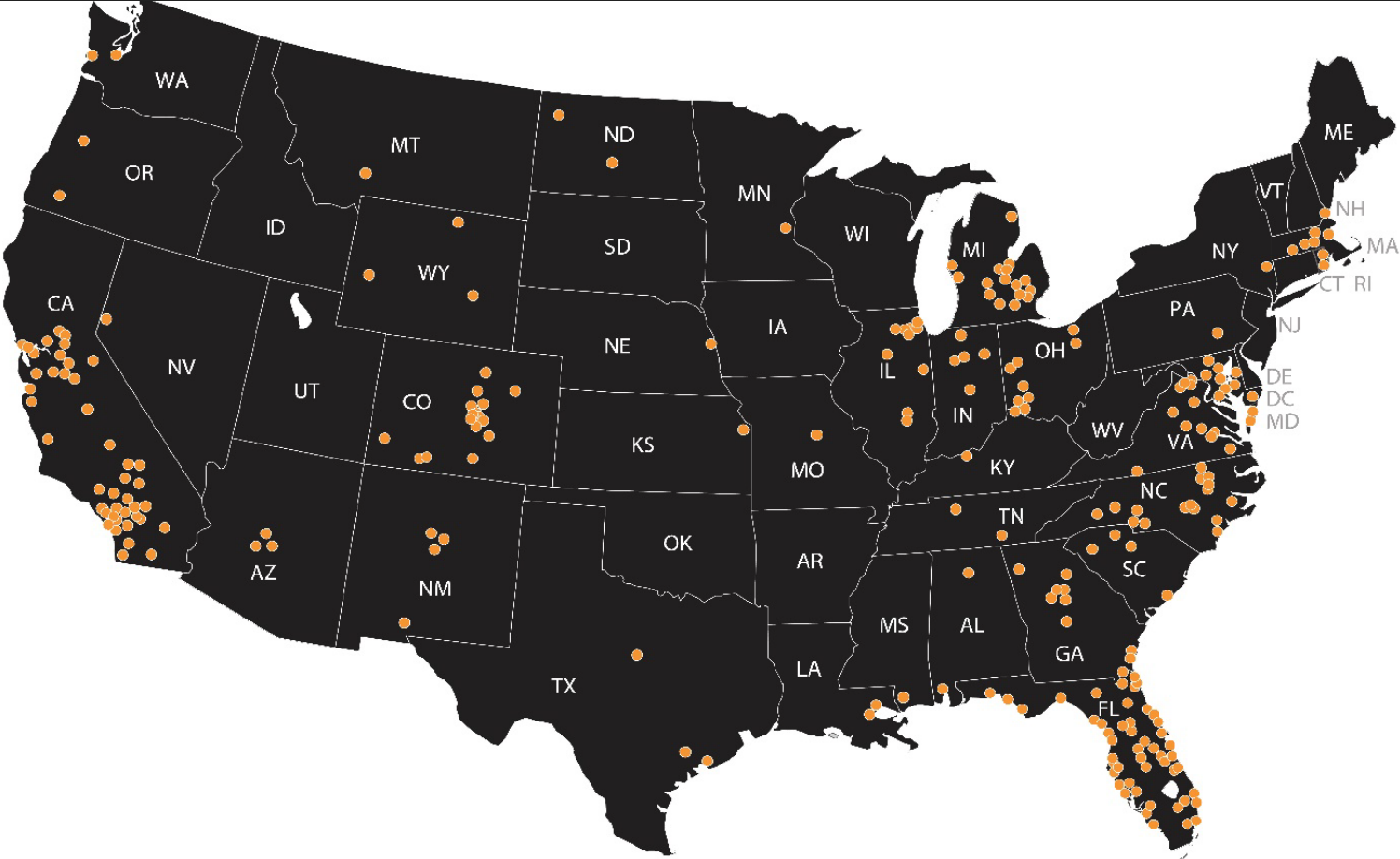
June 7, 2022

Agenda



- Background
- Assumptions
- Financial Planning Scenarios
- Bill Impacts
- Q&A

Stantec Financial Services



>300

Communities we have served, accounting for 25+% of the US population!

300+

Combined years of **experience**

1.5K+

Studies in the last 10 years

30+

Specialists in utility financial management

>500

Utilities in our **benchmarking** database

\$4B+

Debt supported in past five years

Background

- Marquette Township received an Affordability and Planning Grant financial analysis.
- The Township provides water service to approximately 1,100 accounts
- The water system infrastructure includes
 - 5 water production wells
 - 55 miles of water distribution mains
 - 3 storage tanks
 - 3 water pumping stations

Financial Planning Assumptions - Expenditures

- FY22 budget used as starting point for modeling
 - Expenditures inflated on a line-item level by expenditure type
- Payment of existing debt service
 - Includes three (3) existing debt issuances
- Capital plan including FY 21 budgeted project amounts
 - Total approximately \$3 million for the planning period
- Assume use of cash to fund future capital

Financial Planning Assumptions - Revenues

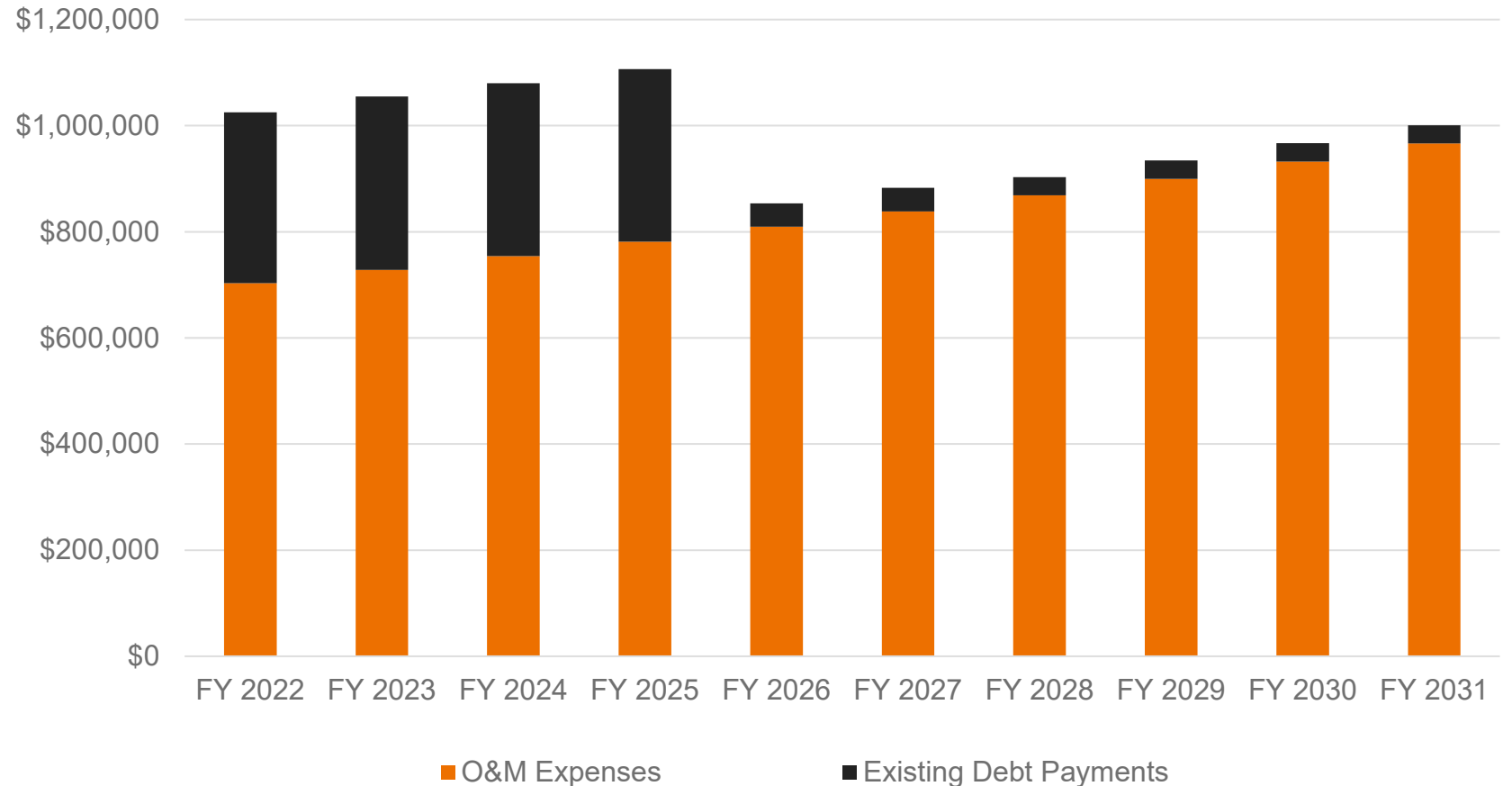
- Assumed 0.5% growth rate in ERC's and keep usage per ERC flat for the planning period
- Non-rate revenues forecasted based on FY 22 budget, assumed to remain constant over planning period

Financial Planning **Targets**

- Sufficient Reserve Levels
 - Maintain a minimum of six (6) months operating expenses
- Structural Balance of Revenues to Expenditures

Operating and Maintenance (O&M) and Existing Debt Forecast

O&M Expenditure Category	Inflation Assumption
Salaries & Wages	3.0%
Health Insurance	5.0%
Repair and Maintenance	3.5%
Fuel, Utilities, Chemicals	5.0%



Capital Improvement Projects

Type of Projects	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
PW Facility Roof	\$100,000				
Hydrant Replacements		\$95,000	\$95,000	\$95,000	\$95,000
Service Trucks		\$25,000	\$25,000	\$25,000	\$25,000
SCADA Upgrade		\$80,000			
Cox Generator/ATS (Approved)			\$800,000		
Utility Relocation	\$60,000				
Water Tank Painting				\$100,000	
Future/Additional CIP*				\$100,000	\$100,000
Total Project Costs	\$160,000	\$200,000	\$920,000	\$320,000	\$220,000

**Projects shown in current dollars, financial model assumes 3% annual inflation in capital costs beginning in 2023*

- Budgeting for \$100k per year in unspecified future projects through FY 2031
- Financial model assumes all projects are cash funded

Model Baseline

Status Quo – No Rate Increases



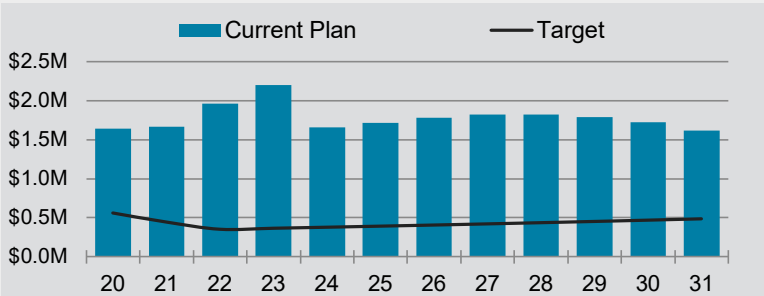
MARQUETTE TOWNSHIP



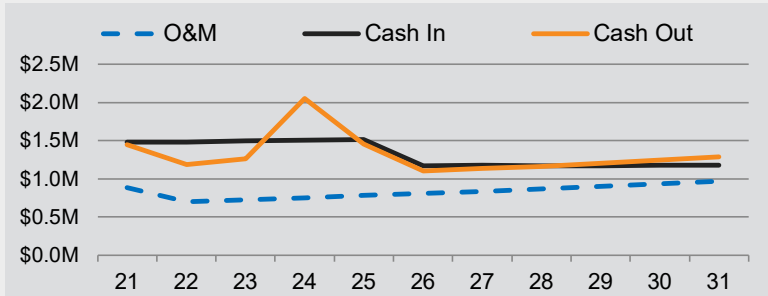
CALC SAVE CTRL LAST OVR

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2025	FY 2030
Water Rate Plan	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Senior-Lien DSC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Scenario Manager	
All-In DSC	1.84	2.42	2.36	2.31	2.25	8.14	7.61	8.69	7.92	7.10	6.24		
Total Single Family Bill	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04	\$43.04		

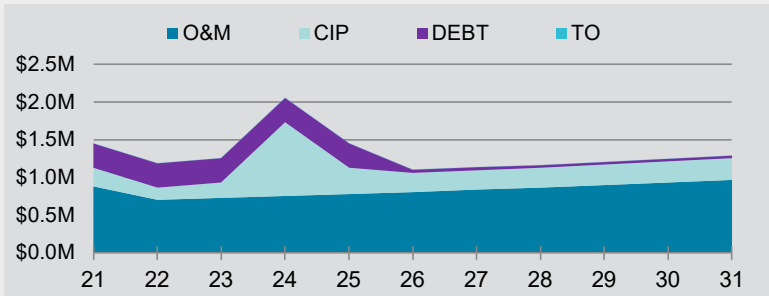
Operating Fund



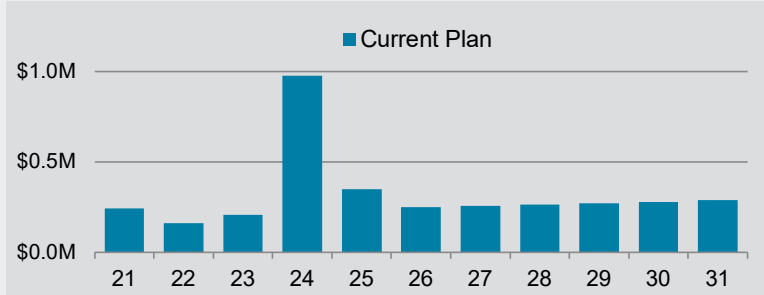
Revenues vs. Expenses



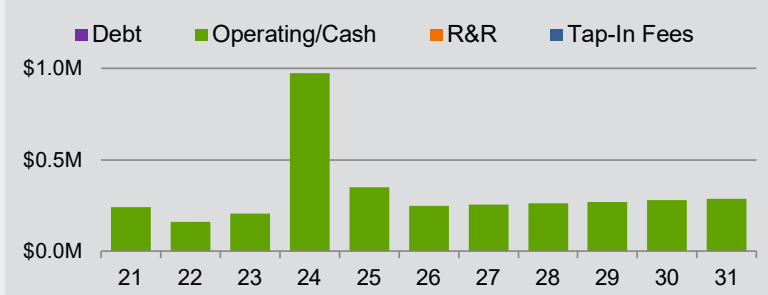
Expenses by Type



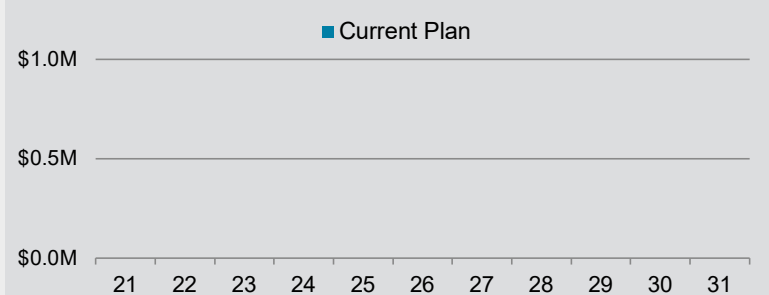
CIP Spending



CIP Funding

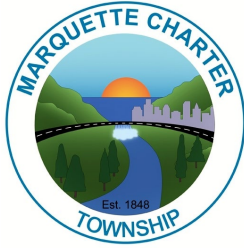


Borrowing





Thank You!
Questions?



MARQUETTE CHARTER TOWNSHIP

1000 Commerce Drive
Marquette, Michigan 49855
Ph | 906.228.6220
Fx | 906.228.7337
www.marquettetownship.org

To: Township Board
From: Jon Kangas, Manager
Date: June 2, 2022
Regarding: Manager Report for June 7, 2022

Potential Future Development

There are rumors around town that a future residential development is planned in the Township. Along with these rumors come a lot of questions from a lot of directions. First, I can confirm we have had a “pre-application” meeting with a developer for a proposed Planned Unit Development (PUD) in the Township. Second, we have not received a formal application or set of plans, much less a traffic impact analysis or any other design/planning materials.

However, the developer has been very proactive in trying to address as many community concerns as possible while preparing their PUD plans. Therefore, you can safely assume that when we receive a formal application package, the developer will have addressed as many of those concerns as they feel they are able to. In the meantime, I strongly (and respectfully) encourage everyone to avoid speculation regarding what, if anything, needs to be done regarding our infrastructure as it relates to this *potential* development. The Township and Road Commission have very qualified staff on duty and we will ensure we do everything reasonably possible to protect the public health, safety and welfare within the limits of our guiding ordinances. There is nothing more to add on this subject until a formal application is made.

Native Species Pilot Project

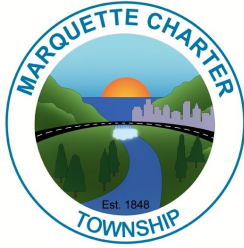
We have discussed this project on multiple occasions now, but I thought now is an appropriate time to provide an update. MDOT has been consulted regarding our proposed project plan (attached) and verbally supported the project. We have submitted a “single project” permit application for the proposed work. In addition, Jason McCarthy applied for a mini-grant through Marquette County Planning to help assist with the costs of the project. Finally, the DDA has committed to covering ½ the cost of the seed for the pilot project.

Unfortunately, the zero-turn riding mower that Lenny ordered to assist our Building and Grounds department (and planned to use for the pilot project mowing) is back-ordered until sometime in July. Therefore, by the time we have a permit in hand, we may already be behind on the first-year mowing maintenance. Regardless, Elise from the Conservation District still feels we can have a successful project. We should all be anxious to see the results of this effort as it aligns with past Township desires to beautify the US 41/M 28 corridor. This solution, while maintenance heavy in the first couple years, should end up being very low maintenance once the native species have established themselves.

Mission Statement:

“Recognize and meet the needs of the Township Community.”

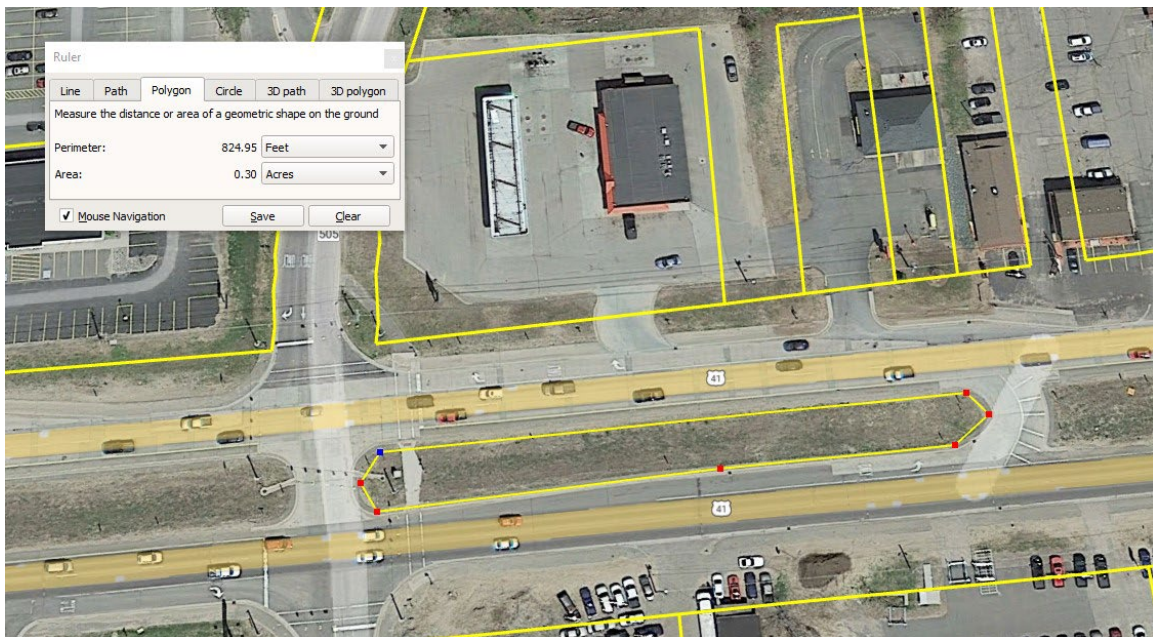




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To: Brian Johnson, Permit Agent – MDOT Ishpeming TSC
From: Jon Kangas, Manager
Date: May 25, 2022
Regarding: US 41/M 28 Native Species Pilot Project – 0.3 Acres in Median East of Commerce Drive



Marquette Charter Township wishes to plant a native species plant mixture along the US 41/M 28 median, starting with a 0.3-acre area just East of the Commerce Drive intersection, as shown above.

Project Plan

2022

- Mow the median pilot project area on a monthly basis during the growing season to ensure invasive species are kept at bay. All mowing to be conducted by Township staff with side-discharge riding mower. All clippings will be discharged into the median to avoid a mess on the roadway and potential issues with passing vehicles. Mowing activities will occur after the morning or noon rush hour and employee will always wear high-vis vest and other PPE as needed. Advance warning signs will be placed as required by permit, if work is authorized. No other equipment will be parked in the ROW during this activity.
- Over-seed with pre-mixed native seed mixture in September with mix per weblink. Seeding will be performed by Marquette County Conservation District

Mission Statement:

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staff using a broadcast spreader and assistance from Township staff as needed. (<https://www.prairiemoon.com/shortgrass-echinacea-prairie-seed-mix-prairie-moon-nursery.html>)

2023

- Mow twice early in the growing season, one time per month in May and June OR June and July, depending on when growing season starts. Same mowing procedure as 2022. Mowing would increase to monthly during entire growing season if inspection reveals excessive growth of invasive species.
- During growing season, evaluate growth of new native species to determine success of over-seeding.
- Evaluation will include the diversity of native plants to ensure the plantings are visually pleasing, beneficial to pollinators, and beneficial to filtering of stormwater runoff, yet not overly distracting to motorists. If any of the above-objectives are met, seed mixture will be modified accordingly for future projects.
- Begin project plan for future phases, depending on success of pilot project.

2024

- Mow twice early in the growing season, one time per month in May and June OR June and July, depending on when growing season start. Same mowing procedure as 2022 and 2023.
- After second cut, let nature take its course.
- Evaluate success of pilot project throughout growing season.
- Finalize future project locations/phases, according to results of pilot project and availability of resources.

Pilot project to be 100% funded by Marquette Township utilizing Township and Conservation District staff. During the pilot project, annual highway maintenance mowing by MDOT/MCRC should only be needed for the “first pass” beyond the roadway shoulder, if at all. Future maintenance mowing would be determined by the results of the pilot project and performed according to the expectations of the MDOT Maintenance unit. However, it is assumed that any vegetation within the “first pass” area of the vegetated median may be mowed as part of annual highway maintenance. Regardless, Marquette Township will assume maintenance responsibilities of any native-vegetated areas to the expectations of MDOT. It is the ultimate desire of the Township that native species will be relatively maintenance free once growth has been established.

Each work activity will require an advance notice by the Township under the individual permit.

Goal: provide a visually pleasing, but not distracting corridor that will improve stormwater runoff quality, pollinator improvements and low-cost long-term maintenance.