

AGENDA
CHOCOLAY TOWNSHIP BOARD

Township Fire Hall Room
January 9th, 2023 – 5:30 P.M.

- I. MEETING CALLED TO ORDER**
- II. PLEDGE OF ALLEGIANCE**
- III. ROLL CALL:** Richard Bohjanen (Supervisor), Max Engle (Clerk), Ben Zyburt (Treasurer), Dave Lynch, Kendra Symbal, Donald Rhein, Judy White (Trustees).
- IV. APPROVAL OF AGENDA – Additions/Deletions.**
- V. PUBLIC COMMENT**
- VI. CONSENT AGENDA**
 - A. Approve Minutes of Previous Meeting – Regular Meeting, December 12, 2022.
 - B. Approve Revenues and Expenditure Reports – December 2022 (unaudited).
 - C. Approve Bills Payable, Check Register Reports – December 14, and 29, 2022.
 - D. Approve Regular Payroll – December 6 (Longevity), 8, 22, and 29 (Special), 2022.
- VII. SUPERVISOR’S REPORT**
- VII. CLERK’S REPORT**
- IX. PUBLIC HEARING**
- X. PRESENTATIONS**
- XI. UNFINISHED BUSINESS**
- XII. NEW BUSINESS**
 - A. Review Marquette County Solid Waste Town Hall Meeting and Potential Price Increase.
 - B. Review February Joint Meeting Topics.
 - C. Manager Update for the Sewer and Budget.
- XIII. BOARD MEMBER’S COMMENTS**
- XIV. PUBLIC COMMENT**
- XV. CORRESPONDENCE, MEETING MINUTES AND INFORMATION.**
 - A. Minutes – Chocolay Township Planning Commission; Regular Meeting of November 21, 2022.
 - B. Minutes - Marquette County Solid Waste Management Authority; Regular Meeting of December 21, 2022, Draft.
 - C. Information – Iron Ore Heritage Trail 2022 Municipal Report
 - D. Information – Chocolay Township Newsletter – December 2022.
- XVI. ADJOURNMENT**

December 12, 2022

The regular meeting of the Chocolay Township Board was held on Monday, December 12, 2022, in the Chocolay Township Fire Hall. Supervisor Bohjanen called the meeting to order at 5:30 p.m.

PLEDGE OF ALLEGIANCE.

TOWNSHIP BOARD.

PRESENT: Richard Bohjanen, Max Engle, Ben Zyburt, David Lynch, Judy White, Don Rhein, Kendra Symbal

ABSENT: None

STAFF PRESENT: William De Groot, Suzanne Sundell, Joe Neumann

APPROVAL OF AGENDA.

White moved, Zyburt supported to approve the agenda as amended (***add Trustee White to agenda after Presentations and before Unfinished Business***).

MOTION CARRIED

PUBLIC COMMENT

Ryan Olsen, 240 Timberlane – wanted to make the Township Board aware of a zoning issue at 6565 US 41 South – residential dwelling that he wishes to purchase, but not able to purchase with bank financing as it is currently zoned Industrial (was the former B&G building). Supervisor Bohjanen recommended that he talk with the Zoning Administrator – Dale Throenle.

CONSENT AGENDA

- A. Approve Minutes of Previous Meeting – Regular Meeting, November 14, 2022.
- B. Approve Revenue and Expenditure Reports – November 2022.
- C. Approve Bills Payable, Check Register Reports – November 1, 2022 (Check # 25741 - 25757, in the amount of \$13,824.91), November 16, 2022 (Check #'s 25758 – 25777) in the amount of \$14,329.54, and November 29, 2022 (Check #'s 25778 – 25807, in the amount of \$354,815.95).
- D. Approve Bills Payable – Regular Payrolls of November 10, 2022 (Check #'s DD2823 – DD2855 and Check #'s 11280 – 11284, Federal, State, and MERS in the amount of \$41,550.66), and November 23, 2022 (Check #'s DD2856 – DD2905 and Check #'s 11285 – 11289 Federal State, and MERS in the amount of \$46,162.12).

Rhein moved, Lynch supported to approve the consent agenda as presented.

MOTION CARRIED

SUPERVISOR'S REPORT

Supervisor Bohjanen indicated there was a vacancy on the Planning Commission and he is recommending Stephanie Gencheff be appointed. George Meister is also up for re-appointment.

CLERK'S REPORT

Clerk Engle stated there had been a recount for the November 8 election – there was a combination of Proposal 2 and Proposal 3. A 501(c)3 organization that is election related that called for this recount – funded by a private person. The recount was held on December 9 at Marquette Township Hall with different jurisdictions from the U.P. There were two precincts not able to be recounted, with one of them being Chocolay. We were 4 ballots short, which were found today in the write-in bin in the ballot box. Clerk Engle will address this issue.

PUBLIC HEARING – NONE

PRESENTATION – NONE

TRUSTEE WHITE

Trustee White wanted to express her opinion on raises for the Board. The following letter was read into record:

December 12, 2022

To: Chocolay Township Board

From: Judy White, Trustee

Re: Increase in Board Member Compensation

Noticing that a 4% increase is recommended for all Board members except Treasurer with a 20% increase, I wish to state that none of the of increases are necessary. How can the members justify a 20% for the treasurer?

When a board member pursues election to their position there is a stated compensation for that position. Therefore, it should remain that amount until at least the next election.

Further, the increase recommended is based on COLA which is a Cost of Living Adjustment. Board members do not receive compensation for living expenses only for the time they spend performing their elected duties; therefore, should not receive COLA.

The treasurer's compensation was \$10,400 in 2022 so why the huge increase of over \$2000? In researching compensation for board members in Marquette Township, I learned that the board members are receiving 2.5% increase for 2023 earning the Treasurer \$10,384.

Surprisingly I learned that the Trustees will be receiving \$4,154 per year. I do not want an increase; in fact, the township can keep my \$75 a month as I did not run for office to make money. I wanted to be on the board as a VOICE for our citizens who deserve someone who will consider their wants and needs, to be frugal with their tax money, and represent them responsibly.

So, I am requesting that Board Members either vote NO on all the increases or at least adjust the increase to a more reasonable dollar amount.

Note: The \$4,154 in the memo was compensation in Marquette Township.

Symbal is also uncomfortable on raises for the Board. Spoke on socio-economic backgrounds. Need to look at future boards when considering COLA.

Treasurer Zyburt indicated that the raise was not solicited on his part. This is more for parody on salaries of the Board. Zyburt indicated that his predecessor has made a practice of rolling over CD's every 12 – 18 months. When Zyburt took over, he took advantage of his background and looked at different options. Within the last year, yields between local CD's and government securities that he purchased was over 300 basis points, which is over 3%. As a result, the fixed income securities that matured made the Township an extra \$37,500. In 2023, with six securities maturing up to \$1.3 million, this would be an additional \$39,000 as a result of his investment strategy. The Money Market fund was carried in banks at 50 basis points. This has been moved to First Bank, which is paying 3.59%, which is another \$1,000 for the Township. When added together, the Township had made \$77,500 based on Zyburt's investment experience – to put it in perspective.

Supervisor Bohjanen indicated that he was looking at parody in the salaries, and that this had been discussed at an earlier meeting. He also pointed out that there was a correction that needed to be made on the General Appropriations Act, as some of the motions were already filled in – this is an error that was carried over from last year and will be corrected when the motions are made.

Trustee Lynch suggested that there be a survey of other Boards to see how much compensation they are offered.

Symbal moved to table this discussion. No support.
MOTION FAILED

FY 2023 ANNUAL BUDGET

APPROVAL OF THE ANNUAL FEE SCHEDULE

Lynch moved Rhein supported to approve the 2023 Fee Schedule as presented.

ROLL CALL VOTE

AYES: Symbal, White, Lynch, Rhein, Zyburt, Engle, Bohjanen

NAYS: None

MOTION CARRIED

CHARTER TOWNSHIP OF CHOCOLAY

FISCAL YEAR 2023

**GENERAL FUND BUDGET, ROAD
FUND**

**FIRE DEPARTMENT MILLAGE FUND LIQUOR LAW
ENFORCEMENT FUND LIBRARY MILLAGE FUND**

**CAPITAL IMPROVEMENTS FUND AND SEWER
FUND BUDGETS**

I HEREBY CERTIFY THAT THE FISCAL YEAR 2023 BUDGETS
WERE ADOPTED BY THE CHOCOLAY TOWNSHIP BOARD
ON DECEMBER 12, 2022

MAX L. ENGLE, TOWNSHIP CLERK

GENERAL APPROPRIATIONS ACT

Lynch moved, Rhein supported, that

Whereas, the Township Supervisor has submitted a complete itemized budget proposal for the fiscal year beginning January 1, 2023, and ending December 31, 2023, to the Township Board for its consideration; and

Whereas, notice of the public hearing on the budget was published in the Mining Journal, a newspaper of general circulation within the Township, on October 19, 2022; and

Whereas, a public hearing was held on the proposed budget on November 14, 2022 at Chocoday Township Fire Hall, and a copy of the proposed budget was on file and available for public inspection during regular office hours at the office of the Township Clerk for a period of not less than one week prior to the public hearing:

Now Therefore Be It Resolved:

- 1. The Township Board adopts the budget as revised and according to designated accounts for the next fiscal year, to wit, beginning January 1, 2023, and ending on December 31, 2023, in the amount of \$2,779,571.00 for the General Fund, in the amount of \$409,480.00 in the Road Fund, in the amount of \$1,300.00 in the Drug Law Enforcement Fund, in the amount of \$2,900.00 in the Liquor Law Enforcement Fund, in the amount of \$242,511.00 in the Library Millage Fund, in the amount of \$0 in the Capital Improvements Fund, and in the amount of \$579,000.00 for the Sewer Fund.*
- 2. The Township Board does hereby appropriate the sum of \$2,762,067.00 for the general operating expenses (\$2,262,867.00) and capital improvements (\$499,200.00) of the Township to be used for the fiscal year beginning January 1, 2023 and ending December 31, 2023.*
- 3. The Township Board does hereby appropriate the sum of \$796,360.00 to defray the expense of the operation and debt retirement of the Sanitary Sewer System for the fiscal year beginning January 1, 2023 and ending December 31, 2023.*
- 4. The Township Board does hereby appropriate the sum of \$426,000.00 for the repairing of the Township Roads to be used for the fiscal year beginning January 1, 2023 and ending December 31, 2023.*
- 5. The Township Board does hereby appropriate the sum of \$1,300.00 for the Drug Law Enforcement Fund for the fiscal year beginning January 1, 2023 and ending December 31, 2023.*
- 6. The Township Board does hereby appropriate the sum of \$2,900.00 for the enforcement of Liquor Laws of the State of Michigan for the fiscal year beginning January 1, 2023 and ending December 31, 2023.*
- 7. The Township Board does hereby appropriate the sum of \$242,511.00 for contractual services with the Peter White Public Library for the fiscal year beginning January 1, 2023 and ending December 31, 2023.*
- 8. The Township Board does hereby levy 3.5400 mills for general operations; extra voted is 0.9730 mills for library, 1.6429 mills for roads.*
- 9. All resolutions and parts of resolutions in so far as they conflict with any provisions of this resolution are rescinded.*

10. The budget adoption and appropriation resolution shall now and hereafter also be known as the General Appropriations Act conforming to Public Act No. 621 of 1978, the Michigan Uniform Budgeting Act.

ROLL CALL VOTE:

AYES: Symbal, White, Lynch, Rhein, Zybert, Engle, Bohjanen

NAYS: None

ABSENT: None

MOTION CARRIED

RESOLUTION FOR OFFICER' SALARIES

SUPERVISOR'S SALARY

Rhein moved, supported by Zybert, that the salary for the office of Supervisor shall be set in the amount of \$12,980.00 for the Fiscal Year 2023, which begins January 1, 2023 and ends December 31, 2023.

ROLL CALL VOTE

AYES: Symbal, Lynch, Rhein, Zybert, Engle

NAYS: White, Bohjanen

ABSENT: None

MOTION CARRIED

TREASURER'S SALARY

Lynch moved, supported by Rhein, that the salary for the office of Treasurer shall be set in the amount of \$12,980.00 for the Fiscal Year 2023, which begins January 1, 2023 and ends December 31, 2023.

ROLL CALL VOTE

AYES: Symbal, Lynch, Rhein, Engle, Bohjanen

NAYS: White, Zybert

MOTION CARRIED

CLERK'S SALARY

Lynch moved, supported by Rhein, that the salary for the office of Clerk shall be set in the amount of \$12,980.00 for the Fiscal Year 2023, which begins January 1, 2023 and ends December 31, 2023.

ROLL CALL VOTE

AYES: Lynch, Rhein, Zybert, Bohjanen

NAYS: White, Symbal, Engle

MOTION CARRIED

TRUSTEE'S PER DIEM

Lynch moved, supported by Rhein, that the per diem for the office of Trustee shall be set in the amount of \$78.00 per meeting for the Fiscal Year 2023, which begins January 1, 2023 and ends December 31, 2023.

ROLL CALL VOTE

AYES: Symbal, Lynch, Engle, Bohjanen

NAYS: White, Rhein, Zybert

MOTION CARRIED

**RESOLUTION NO.
2023-1**

**December 12,
2022**

**RESOLUTION TO ADOPT 80% / 20%, EMPLOYER / EMPLOYEE HEALTH CARE COST OPTION
AS SET FORTH IN 2011 PUBLIC ACT 152, THE PUBLICLY FUNDED HEALTH INSURANCE
CONTRIBUTION ACT**

Lynch moved, Rhein supported that:

WHEREAS, 2011 Public Act 152 (the "Act") was passed by the State Legislature and signed by the Governor on September 24, 2011;

WHEREAS, the Act contains three options for complying with the requirement of the Act;

WHEREAS, the three options are as follow:

1. Section 3 – "Hard Caps" Option – limits a public employer's total annual health care costs for employees based on coverage levels, as defined by the Act;
2. Section 4 – "80% / 20%" Option – limits a public employer's share of total annual health care costs to not more than 80%. This option requires an annual majority vote of the governing body;
3. Section 8 – "Exemption" Option – a local unit of government, as defined in the Act, may exempt itself from the requirements of the Act by an annual 2/3 vote of the governing body;

WHEREAS, the Township Board has decided to adopt the 80% / 20% option as its choice of compliance under the Act;

NOW, THEREFORE, BE IT RESOLVED the Township Board of the Charter Township of Chocoday elects to comply with the requirements of 2011 Public Act 152, the Publicly Funded Health Insurance Contribution Act, by adopting the 80% / 20% option for the medical benefit plan coverage year January 1, 2022 through December 31, 2022.

Upon a Roll Call Vote, the vote was as follows:

AYES: White, Symbal, Lynch, Rhein, Zyburt, Engle, Bohjanen

NAYS: None

ABSENT: None

RESOLUTION DECLARED ADOPTED

CONSIDER 2023 BOARD AND COMMISSION APPOINTMENTS

Rhein moved Zyburt supported to approve the appointments presented by Supervisor Bohjanen and listed on the “Boards, Committees, Commissions – 2023” worksheet within this packet.

AYES: 7

NAYS: 0

MOTION CARRIED

White moved Zyburt supported to change the name “Pension Committee” to “**Benefits Committee**”.

MOTION CARRIED

CONSIDER 2023 TOWNSHIP OFFICE HOLIDAY CLOSURE DATES

Lynch moved Engle supported to approve the proposed Township Office Closure dates in recognition of major holidays within the calendar year of 2023.

AYES: 7

NAYS: 0

MOTION CARRIED

CONSIDER 2023 BOARDS AND COMMISSIONS MEETING DATES

Zyburt moved Rhein supported to approve the proposed Township Board Meeting Schedule for calendar year 2023.

AYES: 7

NAYS: 0

MOTION CARRIED

RECOMMENDATIONS FROM THE PENSION COMMITTEE – Empower Supervisor to Sign Contract with Existing Benefits Company, VAST, to Offer Flexible Spending Account.

Zyburt moved White supported that the Township Board empower the Supervisor to sign the Participation Agreement with VAST / Kushner to implement and administer a Flexible Spending Account (FSA) as an optional benefit for the employees of Chocolay Township.

ROLL CALL VOTE

AYES: Symbal, White, Lynch, Rhein, Zyburt, Engle, Bohjanen

NAYS: None

MOTION CARRIED

MANAGER UPDATE FOR THE SEWER AND BUDGET

Sewer Project – We are down to the final 9 components of the punch list. All the drawdowns have been received from the State. There is a retainage of approximately \$300,000 for final billing. The relationships with contractors / vendors does not seem to have faltered.

Budget – brought up the approval of the budget prior to a new Board being seated. In the past, this would be approved in November, so timelines would change. There may also be a change in when

the Presidential Primary would be held in 2024 from March to February, which could affect the budget and the need for budget amendments at the end of 2023.

BOARD MEMBER COMMENTS

Don Rhein – None

Kendra Symbal - None

Judy White – will be absent for January meeting

Dave Lynch – None

Ben Zyburt – None

Max Engle - None

Richard Bohjanen – None

PUBLIC COMMENT

Rhein moved, Lynch supported that the meeting be adjourned.

MOTION CARRIED

The meeting was adjourned at 6:27 p.m.

INFORMATIONAL REPORTS AND COMMUNICATIONS.

- A. Minutes – Chocolay Township Planning Commission; Regular Meeting of October 17, 2022.
- B. Minutes - Marquette County Solid Waste Management Authority, Regular Meeting of November 16, 2022, Draft.
- C. Information – Chocolay Township Newsletter – November 2022

Max Engle, Clerk

Richard Bohjanen, Supervisor

REVENUE AND EXPENDITURE REPORT FOR CHOCOLAY TOWNSHIP
 PERIOD ENDING 12/31/2022
 % Fiscal Year Completed: 100.00



ACCOUNT DESCRIPTION	2022		YTD BALANCE 12/31/2022	AVAILABLE BALANCE	% BDGT USED
	ORIGINAL BUDGET	2022 AMENDED BUDGET			
Fund 101 - GENERAL FUND					
000.000	2,407,226.00	2,407,226.00	896,315.18	1,510,910.82	37.23
TOTAL REVENUES	<u>2,407,226.00</u>	<u>2,407,226.00</u>	<u>896,315.18</u>	<u>1,510,910.82</u>	<u>37.23</u>
103.000 - TOWNSHIP BOARD	183,525.00	183,525.00	194,426.46	(10,901.46)	105.94
175.000 - TOWNSHIP SUPERVISOR	20,119.00	20,119.00	12,660.96	7,458.04	62.93
190.000 - ELECTION DEPARTMENT	60,197.00	62,697.00	33,978.80	28,718.20	54.20
202.000 - ASSESSOR	67,718.00	71,696.00	61,835.38	9,860.62	86.25
215.000 - CLERK	131,159.00	131,159.00	117,539.59	13,619.41	89.62
247.000 - BOARD OF REVIEW	2,753.00	2,753.00	1,702.19	1,050.81	61.83
253.000 - TREASURER	69,281.00	69,753.50	65,505.93	4,247.57	93.91
258.000 - TECHNOLOGY	88,875.00	88,875.00	53,477.45	35,397.55	60.17
265.000 - TOWNSHIP HALL & GROUNDS	93,650.00	93,650.00	72,032.36	21,617.64	76.92
285.000 - OTHER GENERAL GOVERNMENT	400,342.00	388,369.50	359,938.21	28,431.29	92.68
305.000 - POLICE DEPARTMENT	576,415.00	576,415.00	375,781.35	200,633.65	65.19
340.000 - FIRE DEPARTMENT	129,697.00	129,697.00	99,323.90	30,373.10	76.58
440.000 - STREETS	19,650.00	19,650.00	18,015.72	1,634.28	91.68
526.000 - SANITARY LANDFILL	28,600.00	28,600.00	28,613.70	(13.70)	100.05
756.000 - RECREATION AND PROPERTIES	391,477.00	400,477.00	124,204.26	276,272.74	31.01
800.000 - ZONING	76,053.00	76,053.00	68,056.16	7,996.84	89.49
805.000 - ZONING/PLANNING COMMISSION	10,082.00	10,082.00	5,070.58	5,011.42	50.29
815.000 - ZONING/APPEALS BOARD	4,476.00	4,476.00	1,067.50	3,408.50	23.85
TOTAL EXPENDITURES	<u>2,354,069.00</u>	<u>2,358,047.00</u>	<u>1,693,230.50</u>	<u>664,816.50</u>	<u>71.81</u>
Fund 101 - GENERAL FUND:					
TOTAL REVENUES	2,407,226.00	2,407,226.00	896,315.18	1,510,910.82	37.23
TOTAL EXPENDITURES	<u>2,354,069.00</u>	<u>2,358,047.00</u>	<u>1,693,230.50</u>	<u>664,816.50</u>	<u>71.81</u>
NET OF REVENUES & EXPENDITURES	53,157.00	49,179.00	(796,915.32)	846,094.32	1,620.44

12/14/2022

CHECK REGISTER FOR CHOCOLAY TOWNSHIP
CHECK DATE FROM 12/14/2022 - 12/14/2022

Check Date	Check	Vendor Name	Amount
Bank GEN GENERAL CHECKING			
12/14/2022	25808	ALGER-DELTA CO-OPERATIVE	1,831.14
12/14/2022	25809	AMAZON CAPITAL SERVICES	123.31
12/14/2022	25810	BENSINGER, COTANT, & MENKES,PC	1,356.00
12/14/2022	25811	CARQUEST OF MARQUETTE	77.90
12/14/2022	25812	CHAD LAURICH	50.48
12/14/2022	25813	CHOCOLAY TOWNSHIP	1,245.91
12/14/2022	25814	CITY OF MARQUETTE	3,597.31
12/14/2022	25815	DALCO	54.07
12/14/2022	25816	DLP MQT PHYSICIAN PRACTICES, INC	351.00
12/14/2022	25817	DMI MARQUETTE	8,100.00
12/14/2022	25818	FOX MARQUETTE CHEVROLET	1,777.88
12/14/2022	25819	KONICA MINOLTA BUSINESS	258.01
12/14/2022	25820	KRIST OIL COMPANY	330.54
12/14/2022	25821	LISA PERRY	50.00
12/14/2022	25822	LOWE'S HOME CENTERS, INC.	72.87
12/14/2022	25823	MARQUETTE COUNTY	2,375.46
12/14/2022	25824	MENARDS	406.32
12/14/2022	25825	NAPA AUTO PARTS	4.98
12/14/2022	25826	OHM ADVISORS	3,800.00
12/14/2022	25827	PENINSULA FIBER NETWORK LLC	628.33
12/14/2022	25828	PRIDE PRINTING	441.65
12/14/2022	25829	PRINTING SYSTEMS	254.71
12/14/2022	25830	RANGE BANK CARDMEMBER SERVICES	3,156.62
12/14/2022	25831	RED POWER DIESEL	2,824.05
12/14/2022	25832	SPECTRUM BUSINESS	119.99
12/14/2022	25833	SUPER ONE FOODS	360.39
12/14/2022	25834	SUPERIOR WATERSHED PARTNERSHIP	5,000.00
12/14/2022	25835	VERIZON	323.36
12/14/2022	25836	WASTE MANAGEMENT OF WI-MN	424.86
12/14/2022	25837	WEX BANK	1,566.13

GEN TOTALS:

Total of 30 Checks:	40,963.27
Less 0 Void Checks:	0.00
Total of 30 Disbursements:	40,963.27

GENERAL FUND	\$	29,277.16
CAPITAL FUND	\$	6,624.05
SEWER FUND	\$	5,062.06
	\$	40,963.27

12/29/2022

CHECK REGISTER FOR CHOCOLAY TOWNSHIP
CHECK DATE FROM 12/29/2022 - 12/29/2022

Check Date	Check	Vendor Name	Amount
Bank GEN GENERAL CHECKING			
12/29/2022	25838	ADVANCED AUTO PARTS	30.44
12/29/2022	25839	AMAZON CAPITAL SERVICES	83.61
12/29/2022	25840	CONWAY SHIELDS	212.77
12/29/2022	25841	DMI MARQUETTE	2,623.21
12/29/2022	25842	EL COM SYSTEMS	881.02
12/29/2022	25843	ELISABETH NORRIS-HARR	14.85
12/29/2022	25844	JP ELECTRIC PROFESSIONALS, INC	264.50
12/29/2022	25845	LASCO DEVELOPMENT CORPORATION	442.50
12/29/2022	25846	MARQUETTE BD OF LIGHT & POWER	4,514.98
12/29/2022	25847	MENARDS	10.96
12/29/2022	25848	MICHIGAN STATE POLICE	33.00
12/29/2022	25849	NAPA AUTO PARTS	189.99
12/29/2022	25850	O'REILLY AUTOMOTIVE INC.	59.91
12/29/2022	25851	OBERSTAR	200,000.00
12/29/2022	25852	PRIDE PRINTING	540.26
12/29/2022	25853	SEMCO ENERGY GAS COMPANY	1,997.42
12/29/2022	25854	SIGNS UNLIMITED	65.00
12/29/2022	25855	TOTAL TOOL	269.00
12/29/2022	25856	UPAWS	185.00
12/29/2022	25857	VERIZON	202.05

GEN TOTALS:

Total of 20 Checks:	212,620.47
Less 0 Void Checks:	0.00
Total of 20 Disbursements:	<u>212,620.47</u>

GENERAL FUND	\$	9,783.99
CAPITAL FUND	\$	800.00
SEWER FUND	\$	202,036.48
	\$	212,620.47

Chocolay Township Payroll

Date	Amount	Check Numbers
December 8, 2022	\$ 23,998.93	DD2914 - DD2944
BIWKLY/ FIRE	\$ 2,826.64	11290- 11294
	\$ 7,475.28	Federal ACH
	\$ 1,212.26	Michigan ACH
	\$ 3,369.75	Mers ACH Employer/Employee
	\$ 38,882.86	Total Payroll
December 06, 2022 LONGEVITY	\$ 3,028.49	DD2906- DD2913
BIWKLY		N/A
	\$ 733.24	Federal ACH
	\$ 128.82	Michigan ACH
	\$ 462.50	Mers ACH Employer/Employee
	\$ 4,353.05	Total Payroll
December 22, 2022	\$ 24,476.36	DD2945- DD2974
BIWKLY / MONTHLY	\$ 2,692.97	11295- 11299
	\$ 7,665.57	Federal ACH
	\$ 1,249.75	Michigan ACH
	\$ 3,342.88	Mers ACH Employer/Employee
	\$ 39,427.53	Total Payroll
December 29, 2022 Special	\$ 19,780.54	DD2975- DD3011
BIWKLY / MONTHLY		
	\$ 6,073.12	Federal ACH
	\$ 981.43	Michigan ACH
	\$ 2,664.30	Mers ACH Employer/Employee
	\$ 29,499.39	Total Payroll



Simple Motion: Review Marquette County Solid Waste Price Increase and Ownership

Meeting: Discussion January Meeting

Date: January 9th, 2023

Simple Motion #1

Empower the Township Supervisor and the Township Clerk to send a formal request to the Marquette Solid Waste Management Authority asking for advanced information or briefings for major policy or operations changes effecting expenses or compliance changes that result in increased expenses to the residents.

Voice Vote:

Simple Motion #2

The Charter Township of Chocolay Board of Trustees nominate Trustee:
To attend the MCSWMA Board meetings on a semi regular basis to improve relations and report general updates.

Voice Vote:



Issue Brief: Review Marquette County Solid Waste Price Increase and Ownership

Meeting: Discussion January Meeting

Date: January 9th, 2023

Issue Summary:

Should the Board become more involved as a partial owner in the Marquette County Solid Waste Authority operations?

Background:

For a few decades now the Township has been part of the Marquette County Solid Waste Authority through an intergovernmental agreement. The agreement is shared ownership with the 19 Townships and 3 Cities within Marquette County creating the Marquette County Solid Waste Management Authority, (MCSWMA). The landfill in Sands Township is the contracted land fill defined by this agreement.

The Township has participated in the past by attending the landfill Board Meetings, different design committees, and other opportunities. Over the past several years there has been a reduction in participation options. This has resulted in a reduction in open communication between the Township and MCSWMA.

The MCSWMA has adopted a pricing increase for regular trash tonnage during the December 21, 2022 Board Meeting. This price increase is an additional \$4.50 per ton raising the overall cost for tonnage to \$68.00 from \$63.50. The reasons for this increase are confusing because the MCSWMA Board mentions the pricing inclusive of operational changes resulting from PFAS required improvements, but the Director of Operations letter to the Board only mentions inflationary costs. Regardless of the reason, this is the fourth attempt to increase the fee schedule away from the adopted ten-year fee schedule adopted in 2019.

The Township Board is partial owner and should have a better communication path than the current situation.

Recommendation:

The Township Board should try to improve the communications with the MCSWMA so discussion of expenses or operations changes are more transparent. Improved communications about major policy change will help the Township communicate the changes to the residents or give the Township the ability to question the policy to create a better environment for the owners and the operators. The Board should consider formally contacting the MCSWMA Board to re-establish communications and start to define a new relationship by attending each other's meetings throughout the year.

Author: William De Groot

Date: 1/05/2023

**MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY
WEDNESDAY, DECEMBER 21, 2022, at 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.
4. APPROVAL OF MINUTES a. 11/16/22 – Regular Meeting
5. CONSENT AGENDA a. Statistics – November 2022 b. Accounts Payable c. MCSWMA Reply to EGLE letter – 9/9/22 d. Funding of PFAS Processor letter – 12/6/22 e. Recycling Facility Dust Control Purchase Notification f. Wastewater Treatment Plant Design Bid Award Notification
6. BUSINESS a. Banking b. Financials c. Recycling Financials d. Reimbursements e. Solid Waste Tipping Fees FY 2023-2024 f. g. h.
7. REPORTS a. Director Report b. Attorney Report
8. PUBLIC COMMENT (not to exceed three minutes per person)
9. TRUSTEE COMMENTS a.
10. ADJOURNMENT

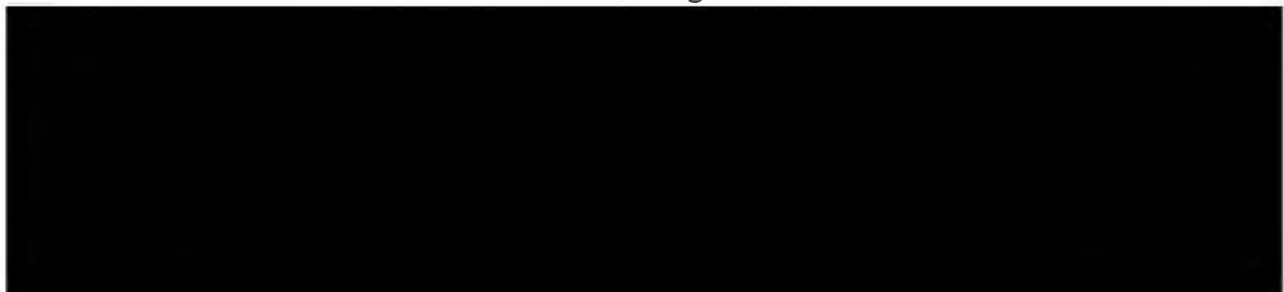
TO PARTICIPATE IN THE MEETING, UTILIZE THE ZOOM MEETING LINK BELOW:

MCSWMA is inviting you to a scheduled Zoom meeting.

Topic: MCSWMA Board Meeting

Time: Dec 21, 2022 04:00 PM Eastern Time (US and Canada)

Join Zoom Meeting





Marquette County Solid Waste Management Authority
600 COUNTY ROAD NP • MARQUETTE MI 49855

[REDACTED]

BOARD OF TRUSTEES

Randall Yelle, Chairperson
Joe Minelli, Vice Chairperson
Dennis Honch, Secretary
Amy Manning, Treasurer
Glenn Adams, Trustee
Carr Baldwin, Trustee
Dave Campana, Trustee
Helen Amiri, Alternate

MEMORANDUM

TO: Constituent Municipalities
FROM: Bradley A. Austin
DATE: December 27, 2022

SUBJECT: Municipality Notification: Solid Waste Tipping Fee Increase

On December 21, 2022, the MCSWMA Board of Trustees passed a motion to increase the solid waste tipping fees by \$4.50 per ton effective July 1, 2023. The tipping fee for solid waste on July 1, 2023, will be \$68.00 per ton.

- Remainder of FY 2022-2023 \$63.50/per ton
- FY 2023-2024: \$68.00/per ton

****Prior to fee implementation, tipping fee rates will be evaluated annually by the MCSWMA Board of Trustees.**

The MCSWMA has monitored and managed significant inflationary cost increases that have impacted our budget. The costs to operate the landfill have steadily increased and currently stand between seven and eight percent. Examples include employees/benefits, consumables, and utilities. We anticipate the impacts of inflation throughout 2023.

An adjusted long-term tipping fee plan is being developed. Our goal is to provide a five-year tipping fee plan to municipalities by July 1, 2023. Capital and annual operating funding for the new PFAS wastewater treatment/processor are not clearly defined. Future tipping fees for solid waste may or may not be impacted. Funding approaches/options will be discussed with constituent owners at two upcoming town hall meetings scheduled on January 30, 2023, and February 1, 2023. We are looking forward to those meetings.

If you have any questions, comments, or concerns, please feel to contact me at any time. By phone @ [REDACTED] or by email at directorrecycle906@gmail.com

Sincerely,

[REDACTED]

Bradley A. Austin
Director of Operations
MCSWMA

6e



Marquette County Solid Waste Management Authority
600 COUNTY ROAD NP • MARQUETTE MI 49855



To: Board of Trustees
From: Bradley A. Austin
Date: December 21, 2022
Subject: Tipping Fee Increase FY 2023-2024
Recommendation/Municipality Notification

Since July of 2021, the MCSWMA has monitored and managed significant inflationary cost increases that have impacted our budget. The costs to operate the landfill have steadily increased and currently stand between seven and eight percent. Examples include employees/benefits, consumables, and utilities. We anticipate the impacts of inflation throughout 2023.

Under the current economic conditions, I recommend increasing the solid waste tipping fees by \$4.50 per ton effective July 1, 2023. The scheduled \$2.00 per ton increase is not adequate. An additional \$2.50 per ton fee is recommended to cover the increase in costs due to inflation.

See below the current tipping fee rate, scheduled rates for FY 2023-2024, and proposed rates accordingly. Prior to fee implementation, tipping fee increases will be evaluated annually by the MCSWMA Board of Trustees.

Current tipping fee: \$63.50/per ton until June 30, 2022
FY 2023-2024 scheduled tipping fee: \$65.50/per ton
FY 2023-2024 proposed tipping fee: \$68.00/per ton effective July 1, 2023

Work on a more long-term tipping fee plan is being developed. Funding for the capital and annual operating expense of the new PFAS wastewater treatment/processor are not clearly defined. Future tipping fees for solid waste may or may not be impacted. Multiple funding approaches are being explored collectively by MCSWMA and its constituent owners. Our goal is to provide a five year tipping fee plan to municipalities by July 1, 2023.



Bradley A. Austin
Director of Operation
MCSWMA

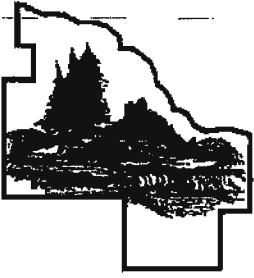
**PROPOSED
FY 2023/24 TIPPING FEE ANALYSIS**

Tipping Fee Components	FY 2023/24 Cost/Ton
Net Operation Expenses	\$ 52.75
Single Stream Funding	\$ 6.00
Host Community Fee	\$ 1.00
HHW ALLOCATION	\$ 0.50
Environmental Escrow Fund	\$ 0.25
**Perpetual Care	\$ 2.00
5 year Cap/Construction	\$ 5.50

Total \$ 68.00

TIPPING FEE COMPARISON

LOCATION	COST PER TON 2021	COST PER TON/LBS 2021	OWNERSHIP
MENOMINEE	\$82-\$90 Includes environmental & fuel charge	\$84.25 Includes environmental & fuel charge	WASTE MANAGEMENT
K&W ONTONAGON	\$81/ton + \$26/load + environmental & fuel charge	\$50.40/per 200 lbs.	WASTE MANAGEMENT
WOOD ISLAND	\$85.00	\$90.00	GREAT AMERICAN DISPOSAL
HIAWATHA SHORES	\$200.00	\$200.00	HIAWATHA SHORES
DAFTER	\$125.00 Includes environmental & fuel charge	\$125.00 Includes environmental & fuel charge	WASTE MANAGEMENT
DELTA CO.	\$58.50	\$66.50	MUNICIPALITIES OF DELTA COUNTY
MARQUETTE COUNTY LANDFILL	\$63.50	\$61.50	MUNICIPALITIES OF MARQUETTE COUNTY



Marquette County Solid Waste Management Authority

600 COUNTY ROAD NP • MARQUETTE, MI 49855

September 9, 2022

Via Email Only

Michigan Department of Environment, Great Lakes, and Energy
Attn: Mr. Paul McDonald, CFO
Lansing, MI

EGLE Water Infrastructure Funding and Financing Section
Attn: Kelly Green, WIFFS Administrator

Dear Mr. McDonald and Ms. Green:

I am the chairperson of the Marquette County Solid Waste Management Authority (MCSWMA). Our Authority is very disappointed in the Draft Intended Use Plan for fiscal year 2023 of the Clean Water State Revolving Fund.

BACKGROUND

In recent years, the MCSWMA and the 23 municipalities in Marquette County have been progressive and dedicated to finding "regional" solutions to challenges facing the State of Michigan in recycling and emerging contaminants in solid waste disposal.

In 2019, the MCSWMA constructed a regional recycling facility that supports recycling for the entire Upper Peninsula, which is approximately 1/3 of the land mass in the State of Michigan. The project required more than \$6.3M in revenues. It will be many years before the financing is repaid.

The MCSWMA recognized the emerging contaminant problem with PFAS. The MCSWMA suggested the construction of a processing plant that could treat PFAS leachate. The PFAS issue is a problem throughout the State of Michigan and the Upper Peninsula. The MCSWMA is proposing to address the PFAS head-on, unlike other municipal entities that have done nothing to address the issue.

The estimated cost for construction of the proposed processing plant, capable of treating PFAS leachate, is \$3,830,000. In addition, there is an estimated annual operation cost to run the processing plant of \$882,000.

CLEAN WATER STATE REVOLVING FUND

Your Draft Intended Use Plan for fiscal year 2023 provides the MCSWMA \$383,000 in ARP grant and a loan for the remaining \$3,447,000.

On its face, this is plainly untenable for the MCSWMA. We continue to repay the substantial financial burden we incurred by constructing a regional recycling facility. The MCSWMA cannot finance the additional \$3,447,000 for the proposed processing facility for PFAS leachate, especially given that we have to somehow fund the \$882,000 in annual operation costs.

Special Category for Emerging Contaminants (such as PFAS)

Your assessment has a category for "BIL Emerging Contaminate PF." That category includes only one municipal entity: The City of Belding, in Ionia County; which shows they intend to treat PFAS. Why is the MCSWMA not included in the category for Emerging Contaminates? The City of Belding is doing a variety of things and PFAS mitigation is but one of the several items. The proposed MCSWMA processing plant is aimed directly at addressing the emerging contaminant issue with PFAS. We do not understand how the MCSWMA was not included in the special category for emerging contaminants.

Disadvantaged Criteria Error

We believe there may be an error in your matrix.

Your matrix includes a category for "disadvantaged communities." Immediately following the category for disadvantaged communities, is a category for "Median Annual Household Income at the time of disadvantage determination (MAHI)." As an example, Forsyth Township (a township in Marquette County) is considered a disadvantaged community with a MAHI of \$56,027. The MCSWMA is not considered a disadvantaged community in your matrix, which implies it has a MAHI in excess of \$56,027. However, that is not true.

Attached find the census data for both Forsyth Township and Marquette County together. The census data shows a MAHI of \$56,027 for Forsyth Township (which you correctly inserted in your matrix), but it also shows a MAHI of \$54,585 for the entire Marquette County.

We believe you may have mistakenly used the MAHI for Marquette City, as opposed to Marquette County. The County is comprised of 19 townships and 3 cities, including the City of Marquette. Most of those 22 municipalities are rural, have low median incomes, and are disadvantaged. It is only the City of Marquette that has a somewhat higher median income. However, the MCSWMA is the solid waste authority for the entire county, which has a MAHI of \$54,585 (which is lower than that of Forsyth Township MAHI, which qualified as a disadvantaged community).

CLOSED LOOP FACILITY

The MCSWMA has a different system than most solid waste facilities.

The MCSWMA is proposing a closed loop facility that accepts PFAS material, then treats the resultant PFAS contaminated leachate, and then discharges the resultant water to a local stream. In other words, once the leachate is treated, PFAS is reduced in the resulting water to safe levels.

Other solid waste facilities merely discharge into a municipal sewer line, which merely sends the PFAS problem to the municipal sewage plant.

SUMMARY

In summary, the MCSWMA recognizes the challenges associated with the emerging contaminant PFAS. We provided a proposal that provides a closed loop solution.

We respectfully request the following:

1. Marquette County be classified as a disadvantaged community, with a MAHI of \$54,585. Thus, qualifying MCSWMA as a disadvantaged community in your matrix, being eligible for a 50% ARP grant.
2. Include the MCSWMA under the BIL Emerging Contaminant category. Thus, qualifying the MCSWMA for federal funds for the treatment of PFAS.
2. Give weight to the fact that the MCSWMA is proposing a closed loop system that provides a final solution for local PFAS materials.

If additional grant funding is not identified, it is very unlikely the MCSWMA will proceed with the proposed processing facility.

Thank you for your consideration.

Yours truly,


Randall Yelle
MCSWMA Chairperson

cc: Sen Ed McBroom
Sen Wayne Schmidt
Rep Sara Cambensy
Rep Beau Lafave
Rep Greg Markkanen
Marquette County Board of Commissioners



Quick Facts

Forsyth Township, Marquette County, Michigan; Marquette County, Michigan

QuickFacts provides statistics for all states and counties, and for cities and towns with a population of 5,000 or more.

Table

All Topics	Forsyth Township, Marquette County, Michigan	Marquette County, Michigan
Population, Estimates, July 1, 2021 (V2021)	6,238	66,103
PEOPLE		
Population		
Population Estimates, July 1, 2021 (V2021)	6,238	66,103
Population Estimates, April 1, 2020 (V2021)	6,224	66,017
Population, Percent Change - April 1, 2020 (estimates base) to July 1, 2021 (V2021)	0.2%	0.1%
Population, Census, April 1, 2010	5,194	66,017
Population, Census, April 1, 2010	6,164	67,077
Age and Sex		
Persons under 5 years, percent	5.6%	4.4%
Persons under 18 years, percent	25.0%	17.6%
Persons 65 years and over, percent	22.8%	20.3%
Female persons, percent	51.1%	49.3%
Race and Hispanic Origin		
White alone, percent	91.8%	93.3%
Black or African American alone, percent (a)	0.4%	1.7%
American Indian and Alaska Native alone, percent (a)	2.9%	2.0%
Asian alone, percent (a)	1.0%	0.8%
Native Hawaiian and Other Pacific Islander alone, percent (a)	0.0%	2
Two or More Races, percent	3.8%	2.1%
Hispanic or Latino, percent (b)	0.8%	1.7%
White alone, not Hispanic or Latino, percent	91.4%	91.8%
Population Characteristics		
Veterans, 2016-2020	768	5,396
Foreign born persons, percent, 2016-2020	1.1%	2.2%
Housing		
Housing Units, July 1, 2021 (V2021)	X	33,523
Owner-occupied housing unit rate, 2016-2020	75.7%	71.5%
Median value of owner-occupied housing units, 2016-2020	\$121,600	\$154,200
Median selected monthly owner costs with a mortgage, 2016-2020	\$940	\$1,147
Median selected monthly owner costs without a mortgage, 2016-2020	\$449	\$442
Median gross rent, 2016-2020	\$640	\$755
Building permits, 2021	X	111
Family & Living Arrangements		
Households, 2016-2020	2,420	27,177
Persons per household, 2016-2020	2.54	2.31
Living in same house 1 year ago, percent of persons age 1 years+, 2016-2020	86.2%	83.8%
Language other than English spoken at home, percent of persons age 5 years+, 2016-2020	2.2%	2.8%
Computers and Internet Use		
Households with a computer, percent, 2016-2020	86.7%	89.6%
Households with a broadband internet subscription, percent, 2016-2020	85.2%	80.7%
Education		
High school graduate or higher, percent of persons age 25 years+, 2016-2020	98.3%	95.5%
Bachelor's degree or higher, percent of persons age 25 years+, 2016-2020	20.2%	34.0%
Health		
With a disability, under age 65 years, percent, 2016-2020	14.6%	10.0%
Persons without health insurance, under age 65 years, percent	8.0%	6.8%

Economy

In civilian labor force, total, percent of population age 16 years+, 2016-2020	49.0%	58.4%
In civilian labor force, female, percent of population age 16 years+, 2016-2020	47.6%	56.3%
Total accounts, retail and food services sales, 2017 (\$1,000) (a)	3,519	139,979
Total health care and social assistance revenues, 2017 (\$1,000) (a)	6,810	553,287
Total transportation and warehousing receipts, revenue, 2017 (\$1,000) (a)	D	138,729
Total retail sales, 2017 (\$1,000) (c)	28,117	926,775
Total retail sales per capita, 2017 (c)	\$4,538	\$13,931

Transportation

Mean travel time to work (minutes), workers age 16 years+, 2016-2020	26.0	18.5
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Income & Poverty

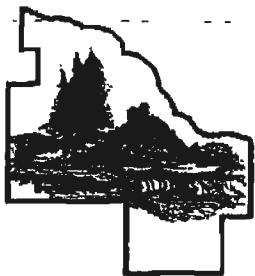
Median household income (in 2020 dollars), 2016-2020	\$56,027	\$54,685
Per capita income in past 12 months (in 2020 dollars), 2016-2020	\$26,148	\$28,537
Personal poverty, percent	16.0%	13.8%

BUSINESSES

Total employer establishments, 2020	X	1,607
Total employment, 2020	X	21,455
Total annual payroll, 2020 (\$1,000)	X	877,318
Total employment, percent change, 2019-2020	X	1.0%
Total nonemployer establishments, 2019	X	3,687
All employer firms, Reference year 2017	97	1,304
Men-owned employer firms, Reference year 2017	23	707
Women-owned employer firms, Reference year 2017	8	8
Minority-owned employer firms, Reference year 2017	9	8
Nonminority-owned employer firms, Reference year 2017	83	1,038
Veteran-owned employer firms, Reference year 2017	8	8
Nonveteran-owned employer firms, Reference year 2017	72	991

GEOGRAPHY

Population per square mile, 2020	34.8	36.6
Population per square mile, 2010	34.7	37.1
Land area in square miles, 2020	177.76	1,808.08
Land area in square miles, 2010	177.67	1,808.40
FIPS Code	2810328720	28103



Marquette County Solid Waste Management Authority

600 COUNTY ROAD NP • MARQUETTE, MI 49855



Dear Constituent Members:

As you know, the Marquette County Solid Waste Management Authority (“MCSWMA”) operates the county landfill which is situated along County Road NP (adjacent to County Road 480) in Sands Township.

The Michigan Department of Environment, Great Lakes (“EGLE”) regulates and oversees the operation of landfills in the State of Michigan.

Due to an emerging contaminant (PFAS), EGLE has instituted a new requirement on the MCSWMA landfill. This new requirement has significant effects on the operation and management of the landfill.

BACKGROUND

PFAS/PFOS

Per and polyfluoroalkyl substances are a group of over 9,000 synthetic chemicals generally known as “PFAS,” which have been used in household and commercial applications for more than 70 years.

PFOS and PFOA are common types of PFAS which are now being found in ground water and drinking water.

PFOS has been linked to many products to include: firefighting foams (AFFF); stain and water repellants on carpeting, upholstery, clothing, and other fabrics; cleaning products; non-stick cookware; paints, varnishes, sealants; some shampoo, dental floss, and cosmetics.

The federal Environmental Protections Agency (“EPA”) has addressed the PFAS issue by limiting the uses of the materials linked to its creation and spread.

Given that many of the products containing PFAS have been deposited in Michigan landfills in the past 70 years, EGLE is testing for PFAS/PFOS and instituting new requirements.

MCSWMA Leachate Processing

Solid waste is deposited in landfills and the material is left open for many years, until sections of a landfill can be appropriately capped and closed.

As precipitation (rain, snow, etc) occurs, water filters through the solid waste and that water creates a liquid material known as leachate. Leachate contains many contaminants and the leachate needs to be treated.

Some landfills are connected to a municipal sewage processing plant and the leachate can be piped to that municipal sewage plant and treated along with the normal sewage. The municipal sewage plant is required to have a National Pollutant Discharge Elimination System (NPDES) permit, referred to herein as a "discharge permit," which is issued by EGLE to verify that the process has filtered out the required contaminants and then the filtered liquid is discharged to a water body, such as a lake, river, or stream. As an example, the City of Marquette has a sewage processing plant in south Marquette that processes sewage and then discharges the filtered liquid to the Carp River, that then flows to Lake Superior. They are required to have a discharge permit.

Landfills that are not connected to a municipal sewage processing plant must process their leachate on the landfill site and then discharge locally. In the 1980's the State of Michigan closed the local solid waste dumps in Marquette County and required that a landfill be constructed under the new rules. There was extensive conversations on where that landfill would be sited. Eventually, a remote site was identified in Sands Township, which is the location of the landfill today. That remote location, however, does not have access to a municipal sewage processing plant. Accordingly, the MCSWMA landfill must treat its leachate onsite and then discharge to the Carp River. This treatment is under strict scrutiny by EGLE and the treatment is done pursuant to an EGLE NPDES discharge permit, which is reviewed and renewed from time to time.

NEW REQUIREMENTS OF EGLE FOR DISCHARGE PERMITS CONCERNING PFAS

New EGLE Requirements for PFAS/PFOS

EGLE reviewed testing of the MCSWMA landfill leachate post-processing and discovered levels of PFAS/PFOS that were concerning. Note: EGLE has identified similar levels throughout Michigan. In response to this emerging PFAS/PFOS contaminant issue, EGLE is requiring that landfills (and sewage plants) change their processing of leachate (or sewage) so that PFAS/PFOS contaminants are reduced to acceptable levels before discharge. EGLE is implementing the new requirements as discharge permits come up for renewal.

MCSWMA Discharge Permit Renewal and Consent Order

The MCSWMA's discharge permit expired on October 1, 2022. EGLE would not renew the discharge permit, without a plan being instituted to address the PFAS contaminants in the leachate.

The MCSWMA engaged a company that specializes in landfills to determine an adequate process for addressing the PFAS/PFOS. The result was the construction of a processing plant with an estimated cost of \$3,830,000 that will address PFAS/PFOS; as well as other traditional contaminants.

The MCSWMA entered into an Administrative Consent Order (ACO), where the MCSWMA agreed to construct an appropriate processing facility within 5 years. EGLE renewed the MCSWMA discharge permit with an agreement that the new processing plant be constructed within the stated five years. If the ACO had not occurred, the discharge permit would not have been renewed.

In addition to the construction cost, it is estimated that the new processing plant will require approximately \$882,000 annually for operating costs.

STATE OF MICHIGAN GRANT AND LOW-INTEREST LOAN FOR CONSTRUCTING THE NEW PROCESSING PLANT

The MCSWMA applied for a grant / low interest loan for the construction of the new required processing plant, under the Clean Drinking Act funds. The MCSWMA was provided a grant in the amount of \$383,000 and a low interest loan in the amount of \$3,447,000.

FUNDING OF THE LOW-INTEREST LOAN FOR CONSTRUCTION OF NEW PROCESSING FACILITY WITH INCREASED TIPPING FEES

The MCSWMA intends on using a blended approach to funding the payment of the low-interest loan. Rather than wait until the loan payments are due in a couple years, the MCSWMA will institute gradual increases in the tipping fee over the next few years. This will allow for gradual increases, as opposed to a significant increase at one time.

There are two options being offered by the State of Michigan for low-interest loans:

1. 20 year payment plan at 1.875 percent interest would require a tipping fee increase of \$3.45 per ton.
2. 30 year payment plan at 2.125 percent interest would require a tipping fee increase of \$2.60 per ton.

Note: There is currently temporary increases of tipping fees as follows:

- a) Approximately \$6.00 per ton that pays for the interest-free Closed Loop Fund loan that financed most of the recycling equipment being used in the Material Recycling Facility. There is approximately 7 years left on that temporary increase and then a decrease in tipping fees of \$6.00 per ton is expected.

- b) Approximately \$5.00 per ton that pays for the loan that financed the construction of the Material Recycling Facility. There is approximately 8-10 years left on that temporary increase and then a decrease in tipping fees of \$5.00 per ton is expected.

FUNDING OF THE ANNUAL OPERATING COSTS OF THE NEW PROCESSING FACILITY WITH INCREASED TIPPING FEES

As noted above, the operating costs of the new processing plant will be approximately \$882,000 annually. We are hopeful that the State of Michigan will designate funding for the cost of addressing this emerging contaminant issue, but we have to be prepared to fund the operation regardless.

If the annual operating costs were to be funded solely via tipping fees, it would require approximately \$14.80 per ton.

ALTERNATIVES FOR FUNDING

A. Millage. Alternatively, each individual municipality (19 township and 3 cities) has the ability to have a millage to be used for solid waste. If a particular municipality levies a millage for solid waste, then that municipality will have the tipping fees for the municipality adjusted to reflect same and then all solid waste coming from that municipality would be charged a lesser tipping fee.

B. Household Surcharge. Alternatively, each individual municipality (19 township and 3 cities) has the ability to enter into an Interlocal Agreement under the Urban Cooperation Act of 1967 (MCL 124.501-512) that allows municipality to collect up to \$50 per household per year for recycling. If a particular municipality collects a household surcharge under the Urban Cooperation Act, , then that municipality will have the tipping fees for the municipality adjusted to reflect the funding provided under this Act.

Note: technically, the funding provided under this Act reduces the tipping fees for recycling (rather than solid waste), which is approximately \$6.00 per ton for repayment of the Closed Loop Fund loan that paid for the recycling equipment and approximately \$5.00 per ton for repayment of the loan for construction of the Materials Recycling Facility, for a maximum reduction in tipping fees for a particular municipality of \$11.00 per ton.

According to the US Census, there are 33,523 housing units in Marquette County (<https://www.census.gov/quickfacts/marquettcountymichigan>). Individual municipalities (19 township and 3 cities) can find the number of housing units in their particular municipality from the census data.

CONCLUSION

In conclusion, this is a significant change in the operation of the landfill (due to the emergent contaminants from PFAS/PFOS and the new EGLE requirements) and we want the constituent municipalities to be informed of same. In addition, should a municipality desire to institute a millage for solid waste or a household surcharge under the Urban Cooperation Act, there is adequate time to do so.

We are happy to attend your municipal meetings and further explain the issue and the options. We all need to work together for the betterment of Marquette County.

Yours truly,

A solid black rectangular redaction box covering the signature of Randall Yelle.

Randall Yelle
MCSWMA Chairperson

MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY

Board Meeting Minutes

Regular Meeting

December 21, 2022

DATE: Wednesday, December 21, 2022

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

MEMBERS PRESENT: In Person: Randall Yelle, Glenn Adams, Carr Baldwin, Dennis Honch, Dave Campana, Amy Manning, and Helen Amiri (Alternate Board Member)

MEMBERS ABSENT: Joe Minelli (excused)

EX OFFICIO: Brad Austin (in person)

OTHERS: In Person: Beth Bonanni, Recording Secretary; Amy Stakvel, MCSWMA; Gary Wommer, Negaunee Township; Jim Belpedio, Champion Township; Jo Foley, MI League of Women Voters. By Zoom: Scott Cambensy, City of Marquette and Brett Schwenke, NTH Consultants

1. **Call to Order:** R. Yelle called the meeting to order at 4:00 p.m.
 2. **Approval of Agenda:** R. Yelle stated there were two additions to the Agenda, 6F, Recycling Facility Dust/Fire Control Purchase Recommendation and 6G, MCSWMA Wastewater Treatment Bids. A. Manning made a motion to approve the Agenda with the additions of 6F and 6G. C. Baldwin supported. Motion passed unanimously.
 3. **Public Comment:** None.
 4. **Approval of Minutes**
 - a. 11/16/22 – Regular Meeting
- C. Baldwin made a motion to approve the 11/16/22 Regular Meeting Minutes as presented. G. Adams supported. Motion passed unanimously.

5. Consent Agenda

- a. Statistics – November 2022
- b. Accounts Payable
- c. MCSWMA Reply to EGLE Letter – 9/9/22
- d. Funding of PFAS Processor Letter – 12/6/22
- e. Recycling Facility Dust Control Purchase Notification
- f. Wastewater Treatment Plant Design Bid Award Notification

D. Campana requested that 5b, c and d be pulled out of the Consent Agenda for discussion. D. Campana made a motion to approve the Consent Agenda with 5b, c and d removed for discussion. D. Honch supported. Motion approved unanimously.

D. Campana said in reviewing 5b, he noticed approximately \$26,000.00 was paid for new tires for an off road dump truck and asked if this was for 4 tires? B. Austin said that it was for 4 tires for a 40 ton off road truck. D. Campana commented that at almost \$6,000 for each tire was a lot of rubber and asked how often do the tires have to be replaced? B. Austin said that was the first time the tires were replaced since the truck was purchased around 2 years ago. The truck year is a 2015 so there was some life left on the tires when it was bought.

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In regard to 5d, D. Campana wanted to clarify his understanding that if the wastewater treatment plant is not built, the Landfill would have to either shut down or the leachate would have to be hauled away? B. Austin said there are not many options with leachate. The Landfill has to deal with these constituents in the water or will be in a situation where the Landfill will not have a discharge permit and the leachate might have to be hauled away. Then you are dealing with transportation costs and also with the type of pollutants that emerge, the leachate might have to be hauled across the state to a place where it can be managed. C. Baldwin commented that the conventional wastewater treatment plant was biological so it has no capability of dealing with PFAS unless they add another system to it. A normal discharge permit that a wastewater facility has would not address any of those so-called exotic chemicals. Basically, the processor would say we cannot take it and the leachate would have to be shipped out of state. R. Yelle said our current system needs to be upgraded and there was talk about upgrading the system until PFAS became an issue. D. Campana stated if MCSWMA had to haul the leachate out of the facility then it would really bump up the tipping fees, especially if MCSWMA does not receive any money from the state

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D. Campana made a motion to approve 5b, c and d of the Consent Agenda. G. Adams supported. Motion passed unanimously.

6. Business

- a. Banking – C. Baldwin made a motion to approve the banking. D. Campana supported. Motion passed unanimously.
- b. Financials – D. Honch made a motion to approve the financials. H. Amiri supported. Motion passed unanimously.
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- f. Recycling Facility Dust/Fire Control Purchase Recommendation – B. Austin recommended that in order to improve air quality and reduce fire hazards at the recycling facility that certain equipment and materials be installed at the facility. The project cost is \$97,232.96 but is not to exceed \$100,000.000. Funding will be allocated through the five-year capital plan. B. Austin then presented to the Board a slide show. H. Amiri asked what type of maintenance would be required on the new system? B. Austin replied there will be general housekeeping and cleaning that will have to be done on the system. There are also some electrical components that will have to be blown out from time to time to keep it dust free so the components do not overheat. The way the system was described it should be pretty low maintenance. A. Manning made a motion to approve the purchase of dust/fire control equipment and materials in the amount of \$97,232.96 with a not to exceed cost of \$100,000.00. D. Honch supported. Motion approved unanimously.
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7. Reports

- a. Director Report – B. Austin said MCSWMA will not be applying for the Federal recycling infrastructure grants. Currently, work is being done with the State of Michigan on a \$500,000 infrastructure grant but hopes it will turn into a million dollar grant in the new year.

The EGLE deadline is coming up on the wastewater treatment facility. Watching closely and keeping an eye on Consent Order requirements and preparing for Spring 2023.

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Commodity values across the board are down. Plastics usually are up in the Spring because beverage companies base their orders on how much pop people will consume in the Summer. Fiber has stayed the same but expect it to go up gradually in 2023.

In the process of negotiating a fiber commodity contract for 3 years.

The Landfill would like to see Sharps/needles disposed of in hard plastic containers so they do not end up in the recycling bin. Residential education and outreach are being done to ensure the sharps/needles are disposed of properly. This will protect the haulers and Landfill employees.

Dickinson County toured the MRF and is interested in bringing their recycling to MCSWMA. Kingsford, Iron Mountain, Norway and Breitung Township consists of approximately 15-16,000 households which equates to approximately 2-3,000 tons/year.

There will be a meeting with MARESA after the first of the year on teaching recycling to children in 4th and 5th grades.

The NMU/MTU zero waste event was a good event. MCSWMA has partnered with NMU for the last 4-5 years for this event.

The Authority might receive a \$90,000 grant for 2023 scrap tires. There were other entities that received tire grants as well.

Kyle Maki (an employee at MCSWMA) will have his last day on December 29, 2022. Mr. Maki has been employed at the Authority as a mobile mechanic for approximately 15 years.

B. Austin showed various pictures of the zero waste event at the NMU/MTU hockey game and the Landfill's plastics 3-7 being processed in Canada. B. Austin also showed pictures and samples of tires that were processed in Canada at a facility he toured.

C. Baldwin made a motion to approve the Director's Report. G. Adams supported. Motion approved unanimously.

- b. Attorney Report –A. Manning read out loud the attorney report prepared by William Nordeen. In the past month, Mr. Nordeen completed the following tasks: reviewed changes with new Part 115 amendment; contacted the County to make sure they include Authority personnel when updating their Master Plan under the new Part 115 rules; reviewed the applicability of Urban Cooperation Act in funding changes to Landfill with new PFAS processor; prepared opinion concerning when Board members are entitled to the County meeting per diem rate and assisted in drafting correspondence to constituent municipalities about funding for new PFAS processor.

Tasks that still need to be completed by attorney Nordeen include reviewing Delta County contract for use as a boilerplate for other UP counties for recycling and continue working with R. Yelle and Cliffs about easement to MCSWMA parcels in Section 21.

G. Adams made a motion to approve the Attorney Report. C. Baldwin supported. Motion approved unanimously.

8. Public Comment – G. Wommer said he listened in interest when C. Baldwin was talking about PFAS. He relates PFAS to asbestos. Mr. Wommer worked at the Presque Isle Power Plant for 30 years and when asbestos detection first came out they thought what were they going to do; they wouldn't have asbestos for gaskets. They used to throw it around, blow it all around and take it off with putty knives. The State came out with a limit on it and they had to dress in white suits, put filters on, etc. Then 10 years later, more people died because the limit was set to high in the first place. The limit finally went to 1/10th of a fiber and people were finally not dying from exposure to asbestos. G. Wommer said he is dealing with PFAS at the old Airport right now and he is trying to work with EGLE in mitigating the problem they have. There is an area where people are drawing water from a well and they know that water has the PFAS limit in it right now. G. Wommer asked are we killing those kids or making them sick? G. Wommer further commented that we are rushing to mitigate the problems with PFAS and is the limit too high or too low? We don't know. G. Wommer believes if PFAS is there at all, it is too high.
9. Trustee Comments – R. Yelle stated the Director is due for his annual evaluation and A. Manning, C. Baldwin and D. Campana were on the subcommittee last year. The Director will be in his 3rd year of his contract as of January 1, 2023. The evaluation has to be completed by the end of February. The subcommittee appointed for the Director's evaluation will be D. Campana and A. Manning.

D. Honch said Merry Christmas and Happy New Year.

C. Baldwin said B. Austin mentioned the ELF system. Mr. Baldwin thinks it is interesting that we have some means to communicate with submarines by coming up with the ELF system. By the time the process of designing and installing the ELF system was complete the system was obsolete. That is the reality of what we run into in this day and age. Wastewater Treatment plants came out with a 5-day BOD, which is the flowage time it took for sewage to get from London to the ocean. Once it got to the ocean, they did not worry about it. 100 years later we are still worrying about BOD. You have to plan and make your best guesses on things and hope you are not too far off.

G. Adams said good job.

10. Adjournment. R. Yelle adjourned the meeting at 4:58 p.m.

Randall L. Yelle, Chairperson

Dennis Honch, Secretary



Simple Motion: Joint Meeting Discussion Items

Meeting: Discussion January Meeting

Date: January 9th, 2023

Simple Motion #1

We direct staff to prepare the following items for discussion during the February Joint Meeting with the Township Planning Commission:

- 1.
- 2.
- 3.

Voice Vote:

**CHOCOLAY TOWNSHIP
PLANNING COMMISSION**

Monday, November 21, 2022 Minutes

I. Meeting Call to Order

Chair Ryan Soucy called the meeting to order at 6:00 PM.

II. Roll Call

Members present at roll call:

Ryan Soucy (Chair)
Donna Mullen-Campbell (Secretary)
Don Rhein (Board)
Kendall Milton
Rebecca Sloan

Members absent at roll call:

George Meister (Vice Chair)

Staff present:

Richard Bohjanen (Township Supervisor), Joe Neumann (GIS Planning), Dale Throenle (Planning Director / Zoning Administrator)

III. Additional Agenda Items / Approval of Agenda

Rhein moved, Milton seconded, to approve the agenda as presented.

Vote: Ayes: 5 Nays: 0 Motion carried

IV. Minutes

A. October 17, 2022 Meeting

Throenle stated there were minor changes required for the minutes. He stated the Mullen-Campbell absence was duplicated, and that Neumann was not added to the staff in attendance.

Rhein moved, Sloan seconded, to approve the October meeting minutes as amended.

Vote: Ayes: 5 Nays: 0 Motion carried

V. Public Comment

None

Meister arrived at 6:03 PM.

VI. Public Hearings

None

VII. Presentations

None

VIII. Unfinished Business

A. Zoning Districts and Related Non-Conformances Discussion

Staff Introduction

Throenle stated that staff was directed at the last meeting to develop a map of parcel sizes of less than two acres through acreage over twenty throughout the Township. He introduced the map and related findings.

He also included a map that Meister provided through email earlier in the day.

He stated staff was recommending a parcel size for the AF district of five acres. He added that language could be specified in the ordinance language regarding what could be done based on acreage sizes.

Commissioner Discussion

Sloan asked about Meister's map legend. Meister stated he was sketching in different zoning areas in an attempt to group by parcel size. Throenle pointed out that the discussion for the meeting was not to decide where the parcels were to be located, but acreage size. He emphasized that Meister's map was for information only.

Throenle added that if AF was changed to R-1, it would severely limit what residents could do in that new zoning, and Sloan added that the firearms ordinance would be another consideration.

Sloan asked about the staff map. Throenle pointed out that there were large acreages throughout the Township, and stated staff recommended acreage size be the starting point while looking at the language would come later. He walked through the percentages of non-conformances that would be achieved based on acreage size, and added that regardless of minimum size there would be parcels that would remain non-conforming.

Rhein stated he had no problem with the minimum acreage size, as that would be a good move to remove the non-conforming parcels. Soucy added he would be comfortable setting the acreage to five, as two acres would seem to change the overall character of the district.

Meister stated that the Commissioners should look at planning for the future and not for removal of non-conformances. He stated that five acres was small and should be either ten or fifteen acres. He added that parcels above County Road 480 should be included in a residential setting.

Throenle stated that adding individual zoning districts would convolute the process of removing the non-conformances from the AF district, as it would add more zoning districts that would further split up the AF district. He stated staff reviewed the non-conformances with the future in mind.

Meister stated that five acres would not provide the open fields and vistas that larger acreages would. Sloan added that the process would reduce the non-conformities while addressing the future.

Rhein stated that regardless of size, putting a house in the middle of the acreage does not solve the view problem. He stated that the objective could still be met with property

efficiency with a five acre minimum. Meister stated he wanted the residential feel along the corridors while preserving the larger acreages. Throenle added that could be controlled through the zoning ordinance language; he showed the language from the current ordinance that outlined acreage minimums.

Rhein added that larger acreage splits would be more difficult to access because of the cost of building roads into the larger acreage.

Sloan asked for an example what would happen with an acreage split. Throenle stated that houses can be built on any size parcel in the Township as long as setbacks could be met. He added that a house could be built right on the road regardless of the size of the parcel; he added that this negates the vista protection as houses built on the road do not give a clear view of the property behind it.

Meister asked for opinions from the Commissioners regarding lot size. Mullen-Campbell asked if language could be written to permit smaller lot sizes to be split; Rhein stated that it could not, as that would not be allowed in the language.

Meister stated the issue is not the split size, but the size of the acreage. He emphasized that lots above County Road 480 should be considered residential and not AF.

Soucy asked if a variable could be added where boundaries could be established as areas were developed. He asked if this could be added with an overlay.

Meister added that he wanted to see several zoning districts established across the AF district to accommodate the smaller acreages. He stated a concern that once a large parcel of 40 acres was split, then the land would be lost for future farming. Sloan disagreed. Throenle added that a family in the area had just done that reversal in the North Big Creek area.

Sloan asked Meister about the properties along the lakeshore. Meister stated that those properties would probably be zoned as residential or rural residential.

Soucy asked Bohjanen for his opinion. Bohjanen stated that an overlay district would be one solution. He added that the entire area could not be rezoned, that the citizens would have to petition to rezone the property. Soucy interjected that spot zoning could not be introduced to fix the problem.

Meister asked about the concept of spot zoning. Soucy stated the future land use map would help in that decision. Bohjanen stated that spot zoning in itself was not necessarily illegal, and that ordinance language could be established that would cover the issue. Throenle pointed out that the future land use map approved in the Township master plan designated all those areas as AF.

Commissioners discussed the 1977 zoning maps versus the 2008 zoning ordinance. Milton asked what Sands Township was doing with development. Throenle responded that Sands Township was concentrating its development around the crossroads area.

Commissioners agreed that the 1977 map seemed a good starting point for the solution to the problem. Throenle added that the master plan did have language in it to get the problem resolved. He added that documentation could not be found to determine how the 2008 decision was made to make everything AF.

Throenle asked the Commissioners if staff should take the issue back to determine how

to move the parcels back to what they were in 1977. Rhein stated that would make better sense as to get the solution in place. Throenle added that simply reducing a parcel to five acres would not necessarily allow for building, especially if wetlands and bodies of water existed on the parcel.

Meister added that his preference is to keep development where it is and maintain the large open areas as open areas.

Sloan asked Throenle about the proposal regarding the acreage sizes. Throenle stated that the future land use map in the master plan was the governing factor for the decisions that will be made for zoning. He added that the question was what to do with all of the parcels within the AF zoning districts that were changed and how to accommodate the fixes needed to correct the situation.

Throenle requested that staff be given an opportunity to go back and review the process, and to provide the best options for the problem.

Sloan asked Bohjanen about rezoning a property. Bohjanen stated that in 2008 the zoning was changed, and that staff has asked for legal assistance from Township legal council to get the direction for getting the issue resolved.

Commissioners asked staff to revisit the issue and to bring back recommendations for consideration. Throenle stated that would take some time, and the earliest the Commissioners could expect to see something would be at the January meeting, especially with the holiday schedule coming up. Soucy asked that sliding scale be included in the considerations.

B. Township Zoning Ordinance Current Definition Review

Staff Introduction

Throenle reminded Commissioners that they stopped at the definition of lodging, and that section of definitions from the previous meeting would need to be completed. In addition, He added that Commissioners should review definitions beginning with N through Z to complete the definitions.

Commissioner Discussion

Commissioners reviewed the revised definitions from lodging through the letter M, and made minor revisions. Commissioners continued the review starting with the letter N, and requested a review of the definitions for nonconforming building, nonconforming lot, nonconforming structure, and nonconforming use. Commissioners requested the State definition for nursing home and requested a rewrite of the definitions for rural character and setback. Commissioners made minor changes to several other definitions. Milton requested a definition for riparian rights.

IX. New Business

A. Land Use Discussion

Commissioner Discussion

Commissioners tabled the discussion on this item to a future meeting.

X. Public Comment

None

XI. Commissioner's Comments

Mullen-Campbell

Gave an update on her Citizen Planner training and was very impressed with what was made available. She recommended that others consider taking the class.

Rhein

No comments.

Sloan

No comments.

Milton

No comments.

Soucy

Offered a happy Thanksgiving to everyone.

Meister

No comments.

XII. Director's Report

Planning / Zoning Administrator Throenle

Reminded the Commissioners that the next meeting will be December 19, and that the meeting will be in the Fire Hall. He also wished a happy Thanksgiving to everyone.

XIII. Informational Items and Correspondence

- A. Minutes – Township Board 10.10.22
- B. Township Newsletter – October 2022
- C. City of Marquette Planning Commission minutes 10.04.22
- D. City of Marquette Planning Commission minutes 10.18.22
- E. City of Marquette Planning Commission minutes 11.01.22

XIV. Adjournment

Rhein moved, Sloan seconded, to adjourn the meeting.

Vote: Ayes: 6 Nays: 0 Motion carried

Soucy adjourned the meeting at 8:18 PM

Submitted by:

Planning Commission Secretary

Donna Mullen-Campbell

MARQUETTE COUNTY SOLID WASTE MANAGEMENT AUTHORITY

Board Meeting Minutes

Regular Meeting

December 21, 2022

DATE: Wednesday, December 21, 2022**PLACE:** Landfill Administration Complex
600 County Road NP
Marquette, MI 49855**MEMBERS PRESENT:** In Person: Randall Yelle, Glenn Adams, Carr Baldwin, Dennis Honch, Dave Campana, Amy Manning, and Helen Amiri (Alternate Board Member)**MEMBERS ABSENT:** Joe Minelli (excused)**EX OFFICIO:** Brad Austin (in person)**OTHERS:** In Person: Beth Bonanni, Recording Secretary; Amy Stakvel, MCSWMA; Gary Wommer, Negaunee Township; Jim Belpedio, Champion Township; Jo Foley, MI League of Women Voters. By Zoom: Scott Cambensy, City of Marquette and Brett Schwenke, NTH Consultants

1. Call to Order: R. Yelle called the meeting to order at 4:00 p.m.
2. Approval of Agenda: R. Yelle stated there were two additions to the Agenda, 6F, Recycling Facility Dust/Fire Control Purchase Recommendation and 6G, MCSWMA Wastewater Treatment Bids. A. Manning made a motion to approve the Agenda with the additions of 6F and 6G. C. Baldwin supported. Motion passed unanimously.
3. Public Comment: None.
4. Approval of Minutes
 - a. 11/16/22 – Regular Meeting

C. Baldwin made a motion to approve the 11/16/22 Regular Meeting Minutes as presented. G. Adams supported. Motion passed unanimously.

5. Consent Agenda

- a. Statistics – November 2022
- b. Accounts Payable
- c. MCSWMA Reply to EGLE Letter – 9/9/22
- d. Funding of PFAS Processor Letter – 12/6/22
- e. Recycling Facility Dust Control Purchase Notification
- f. Wastewater Treatment Plant Design Bid Award Notification

D. Campana requested that 5b, c and d be pulled out of the Consent Agenda for discussion. D. Campana made a motion to approve the Consent Agenda with 5b, c and d removed for discussion. D. Honch supported. Motion approved unanimously.

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Commodity values across the board are down. Plastics usually are up in the Spring because beverage companies base their orders on how much pop people will consume in the Summer. Fiber has stayed the same but expect it to go up gradually in 2023.

In the process of negotiating a fiber commodity contract for 3 years.

The Landfill would like to see Sharps/needles disposed of in hard plastic containers so they do not end up in the recycling bin. Residential education and outreach are being done to ensure the sharps/needles are disposed of properly. This will protect the haulers and Landfill employees.

Dickinson County toured the MRF and is interested in bringing their recycling to MCSWMA. Kingsford, Iron Mountain, Norway and Breitung Township consists of approximately 15-16,000 households which equates to approximately 2-3,000 tons/year.

There will be a meeting with MARESA after the first of the year on teaching recycling to children in 4th and 5th grades.

The NMU/MTU zero waste event was a good event. MCSWMA has partnered with NMU for the last 4-5 years for this event.

The Authority might receive a \$90,000 grant for 2023 scrap tires. There were other entities that received tire grants as well.

Kyle Maki (an employee at MCSWMA) will have his last day on December 29, 2022. Mr. Maki has been employed at the Authority as a mobile mechanic for approximately 15 years.

B. Austin showed various pictures of the zero waste event at the NMU/MTU hockey game and the Landfill's plastics 3-7 being processed in Canada. B. Austin also showed pictures and samples of tires that were processed in Canada at a facility he toured.

C. Baldwin made a motion to approve the Director's Report. G. Adams supported. Motion approved unanimously.

- b. Attorney Report –A. Manning read out loud the attorney report prepared by William Nordeen. In the past month, Mr. Nordeen completed the following tasks: reviewed changes with new Part 115 amendment; contacted the County to make sure they include Authority personnel when updating their Master Plan under the new Part 115 rules; reviewed the applicability of Urban Cooperation Act in funding changes to Landfill with new PFAS processor; prepared opinion concerning when Board members are entitled to the County meeting per diem rate and assisted in drafting correspondence to constituent municipalities about funding for new PFAS processor.

Tasks that still need to be completed by attorney Nordeen include reviewing Delta County contract for use as a boilerplate for other UP counties for recycling and continue working with R. Yelle and Cliffs about easement to MCSWMA parcels in Section 21.

G. Adams made a motion to approve the Attorney Report. C. Baldwin supported. Motion approved unanimously.

8. Public Comment – G. Wommer said he listened in interest when C. Baldwin was talking about PFAS. He relates PFAS to asbestos. Mr. Wommer worked at the Presque Isle Power Plant for 30 years and when asbestos detection first came out they thought what were they going to do; they wouldn't have asbestos for gaskets. They used to throw it around, blow it all around and take it off with putty knives. The State came out with a limit on it and they had to dress in white suits, put filters on, etc. Then 10 years later, more people died because the limit was set to high in the first place. The limit finally went to 1/10th of a fiber and people were finally not dying from exposure to asbestos. G. Wommer said he is dealing with PFAS at the old Airport right now and he is trying to work with EGLE in mitigating the problem they have. There is an area where people are drawing water from a well and they know that water has the PFAS limit in it right now. G. Wommer asked are we killing those kids or making them sick? G. Wommer further commented that we are rushing to mitigate the problems with PFAS and is the limit too high or too low? We don't know. G. Wommer believes if PFAS is there at all, it is too high.
9. Trustee Comments – R. Yelle stated the Director is due for his annual evaluation and A. Manning, C. Baldwin and D. Campana were on the subcommittee last year. The Director will be in his 3rd year of his contract as of January 1, 2023. The evaluation has to be completed by the end of February. The subcommittee appointed for the Director's evaluation will be D. Campana and A. Manning.

D. Honch said Merry Christmas and Happy New Year.

C. Baldwin said B. Austin mentioned the ELF system. Mr. Baldwin thinks it is interesting that we have some means to communicate with submarines by coming up with the ELF system. By the time the process of designing and installing the ELF system was complete the system was obsolete. That is the reality of what we run into in this day and age. Wastewater Treatment plants came out with a 5-day BOD, which is the flowage time it took for sewage to get from London to the ocean. Once it got to the ocean, they did not worry about it. 100 years later we are still worrying about BOD. You have to plan and make your best guesses on things and hope you are not too far off.

G. Adams said good job.

10. Adjournment. R. Yelle adjourned the meeting at 4:58 p.m.

Randall L. Yelle, Chairperson

Dennis Honch, Secretary

2022 Year in Review

XV.C

IRON ORE HERITAGE RECREATION AUTHORITY

IOHRA BOARD:

Don Britton, Chair, Chocolay

Glenn Johnson, Vice Chair/Secretary, Marquette Township

Lauren Luce, Treasurer, Marquette County

Al Reynolds, Exec Committee, Negaunee Township

Jim Brennan, Republic

Dawn Hoffman, Tilden Township

Larry Bussone, Ishpeming

Bob Hendrickson, Negaunee

Nick Leach, Marquette

Mike Springer, Alternative, Marquette Township

Staff: Carol Fulsher



BIG NEWS!



Millage Renewal

The voters overwhelmingly supported 6 more years of funds for the building, managing, maintenance of IOHT



Pavement Replacement
Upgraded 1320 linear feet of pavement



Negaunee Township Trailhead

Trailhead opened to public--Paved parking, vault toilet, lighting, signage, benches, bike rack



Pure Michigan Video

Pure Michigan released video highlighting the IOHT, 28.5K views on Insta

MORE NEWS



Awarded Trust Fund

Develop boardwalk in Negaunee's emergent marsh



New Bike Aggregate, Grading, Rolling in Ishpeming/Tilden



Awarded SORVA Grant

Purchased a mower and flail to beef up maintenance



ORV Grant

Paid for trail gravel/grading, trapping, and culvert maintenance

7 NEW INTERPRETIVE SIGNS DESIGNED BY SIGNAGE COMMITTEE AND INSTALLED 2022

Marquette's Waterfront Transformation

Marquette Waterfront 1908

Photo: Superior View

Early Marquette settlement

Waterfront industry in 1870

Sailing ships at Marquette

Photo: Superior View

Marquette Waterfront Today

The lower harbor reminds us of our industrial heritage. It also represents an area of transition to a gorgeous Great Lake recreation area.

Energy Use In Mining

HUMANS
Underground miners toiled long hours, blasting, picking, shoveling and scraping ore rock. They loaded the rock into mule carts for transfer.

FUEL
Underground miners needed candles, kerosene lanterns, carbide lights, and electrical lighting. Machines ran on electricity and diesel fuel.

WATER
Cleveland Cliffs early director observed hydropower usage in Europe, and encouraged the construction of dams and water powered electrical plants on the Dead River.

WOOD
Wood choppers supplied wood for kilns used to make charcoal for the blast furnaces. Blast furnaces made pig iron, which was loaded on ships and sent to steel making centers.

GRAVITY
The pocketed ore dock used gravity to deliver ore to waiting freighters. Fortunately the rail trip to the docks was downhill with loaded railroad cars.

MULES
Men and mules were the original power sources for work in the mines and transporting ore to ships at Marquette's harbor.

COAL
Until 2019, the mines operated off of coal-powered electrical plants. Locomotives were powered by coal until the mid 20th century.

LOCOMOTIVES USED coal and water

COAL
Sailing ships came to Marquette's harbor, bringing men, mules, and coal. Later, they delivered the first locomotives used on the mining range. The ships took on pig iron for the return trip to the lower lakes.

WOOD
Wood burning charcoal kilns near mouth of Carp River

Coal and the Mining Range

COAL POWERS THE IRON RANGE

Anthracite coal made its first appearance in Marquette in 1864 and played a major role in our energy supply for 180 years. Ships filled with coal unloaded at the *Spear Dock* in the *Lower Harbor*. A massive 75-foot tall gantry crane lowered its 8-ton bucket into the hold of the ship, scooped up the coal and dumped it into waiting train cars or stockpiles on the dock.

Locomotives carried the coal to blast furnaces and electrical generation stations on the mining range. *Spear & Sons* trucks delivered coal to local homes and businesses for use in their furnaces. Coal fumes rose up through chimneys and out of smokestacks. Plumes of smoke hung over towns.

Slowly the use of coal diminished, replaced by other energy sources. With the decommissioning of the *Presque Isle* and *Shiras* power plants in 2019, the coal era ended on the Marquette Iron Range.

Home Coal Delivery at Marquette

Spear Coal Dock

Gantry crane at Spear Dock

Early F.B. Spear Coal Truck

Spear and Sons delivered coal to residences and businesses in Marquette. Houses had special coal chutes with access doors built into the foundation. The family owned company served the Marquette community for 125 years.

Tilden Mine

THE TILDEN MINE

The Tilden Mine behemoth of today bears little resemblance to the original Tilden Mine of 1864. That 19th century mine barely opened before it was abandoned due to its unmarketable, low iron content, high silica iron ore rock.

Today, down in a 900 foot deep pit, modern mining uses explosives and large shovels to break up and load iron bearing rock on high tech, GPS equipped, two story production trucks. The trucks carry ore rock up out of the pit on long inclined roads called benches. Massive crushers, large slurry filled tanks, huge balling drums and 2200° kilns, convert rock with 38% iron content into a 65% iron pellet, ready to be transported by train and Great Lake ore carrier, to steel mills to the east and south.

Science, capital and labor transformed the Tilden Mine from earlier abandonment to the last iron mine on the Marquette Iron Range.

Open pit mining requires large powerful and complex equipment.

The sprawling Tilden Mine pit and process plant are shown at left. Iron ore bearing rocks are hauled out of the pit to the plant, where the ore is transformed into 65% iron content pellets.

The huge P & H shovels require an operator to climb two stories to access the control cab level. This series of the bucket draws the vehicle.

Tsu-Aliing Han, a geologist and senior research laboratory scientist and James Vitar, R&D Manager and geologist, were instrumental in the lower grade iron ore refinement process.

NEW SIGNS (CONT) PLUS 6 ADDITIONAL MILE MARKERS

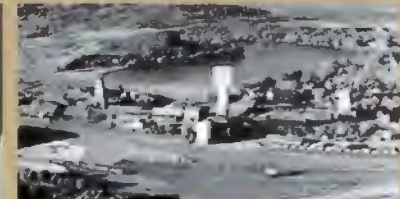
Cliffs Shaft Iron Mine



Postcard image of early Cliffs Shaft Mine

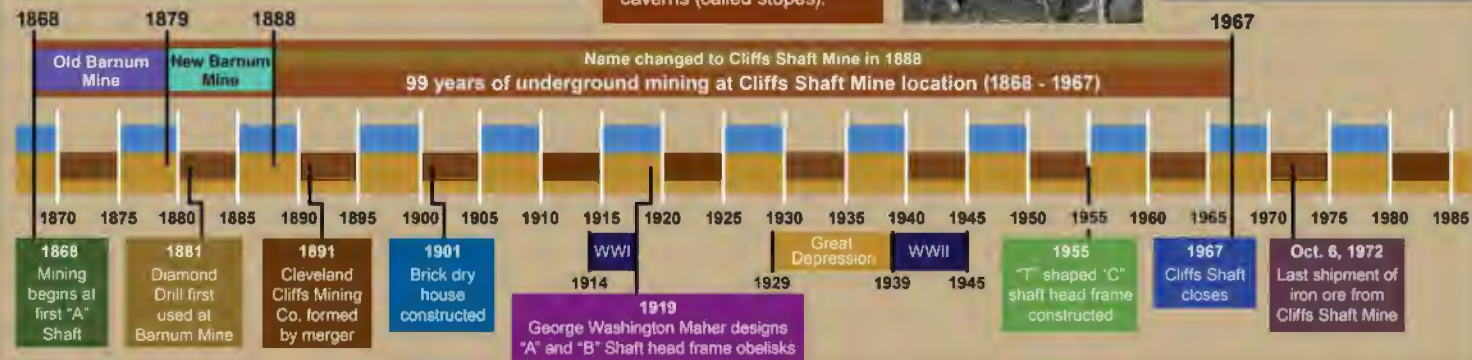
CLIFFS SHAFT MINE

The first "A" and "B" shafts were sunk in 1867. Lift cages were suspended from timber head frames. The cages were raised and lowered to underground workings by steam powered hoists using wire rope and sheave wheels. In 1919 the original timber headframes were enclosed by concrete obelisks. These two obelisks can be seen today.



View of Cliffs Shaft Mine looking north. (Photo taken after 1955)
Photos: Cliffs Shaft Museum

The Cliffs Shaft Mine was once the world's largest producer of Hematite Ore. Hard ore extraction created large, open, pillar supported caverns (called stopes).



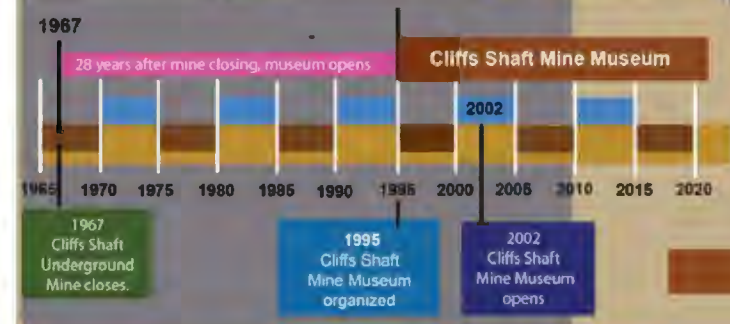
Cliffs Shaft Mine Museum



Miners in Cliffs Shaft Mine Stope



Early Cliffs Shaft underground miner with lunch pail



Ski Jumping at Ishpeming



"The sight of a snowflake used to make my heart flutter". Coy Hill, a Ski Hall of Fame inductee and Ishpeming ski jumper, exclaimed, "It was beautiful to fly through the air on skis."

SKI JUMPING ORIGINS ON THE MARQUETTE IRON RANGE

Hilly terrain, drifts of snow, and Norwegian immigrants served up a cultural staple on the Marquette Iron Range. Ski jumping and organized skiing have been a part of our culture since 1887, when the Norden Ski Club (now Ishpeming Ski Club) formed in Ishpeming.

Joining the Norwegians, waves of Finnish and Swedish immigrants moved here for mining jobs, and ski jumps proliferated. Every Scandinavian neighborhood had a jump and the Ishpeming Ski Club became a powerhouse of flyers, winning 20 national titles, placing 13 members on Olympic teams, and inducting 13 members into the U.S. Ski Hall of Fame.

The legacy of ski jumping continues. Visit the U.P. Nordic Ski Complex on Cliff's Drive where you will see 30, 60 and 90-meter jumps. A ski jumping tournament is held at the Complex every winter with spectators cheering on those defying gravity.



Members of the Norden Ski Club formed in 1887. Photo: Superior View



"Flying Beetles" Finnish-American skiing family. Photo: Superior View



Each year since February 26, 1926, the Ishpeming Ski Club has hosted a ski jumping tournament on Suicide Hill. Photo: U.S. Ski Hall of Fame



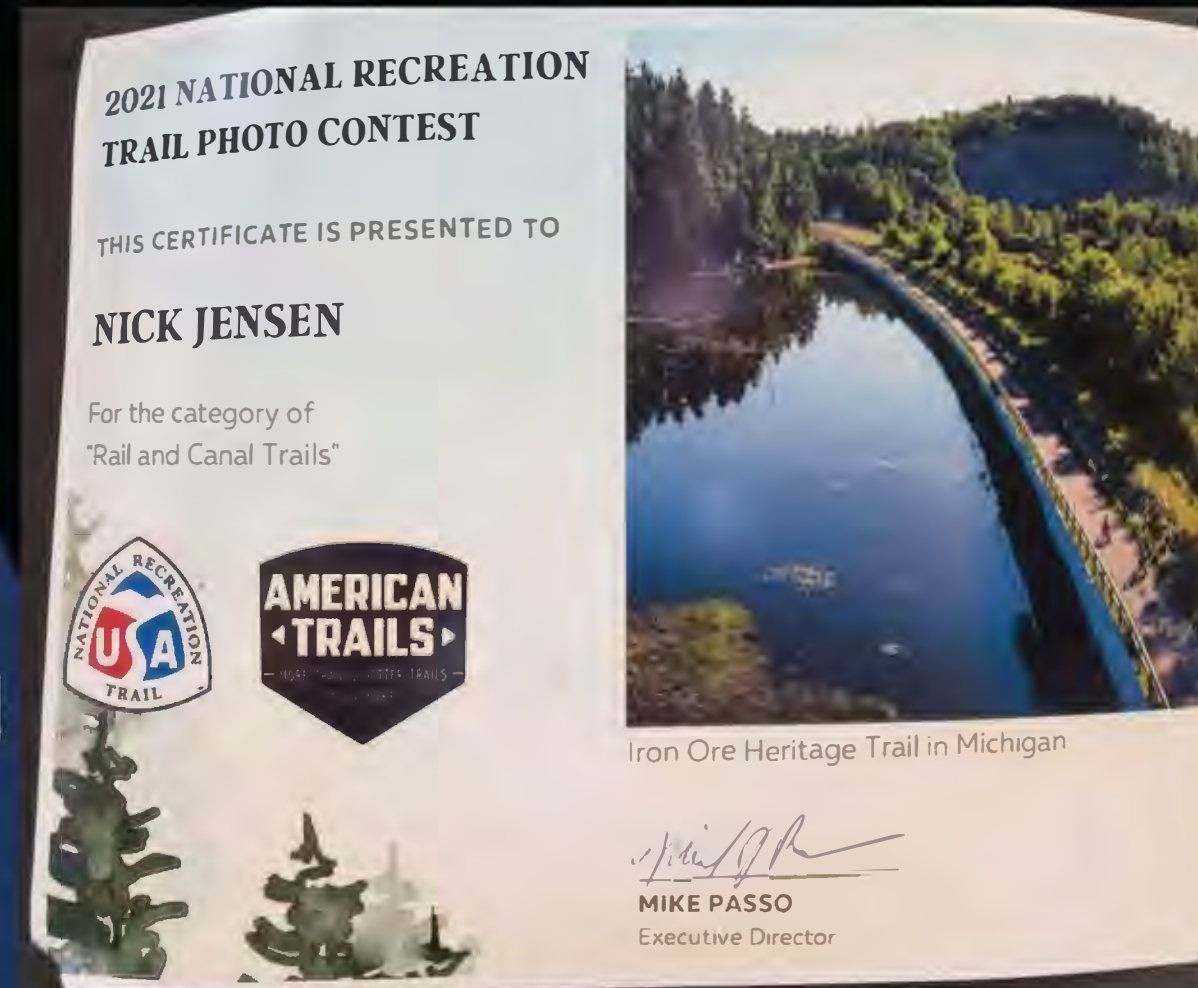
Backyard ski jump at Negaunee. Photo: Superior View



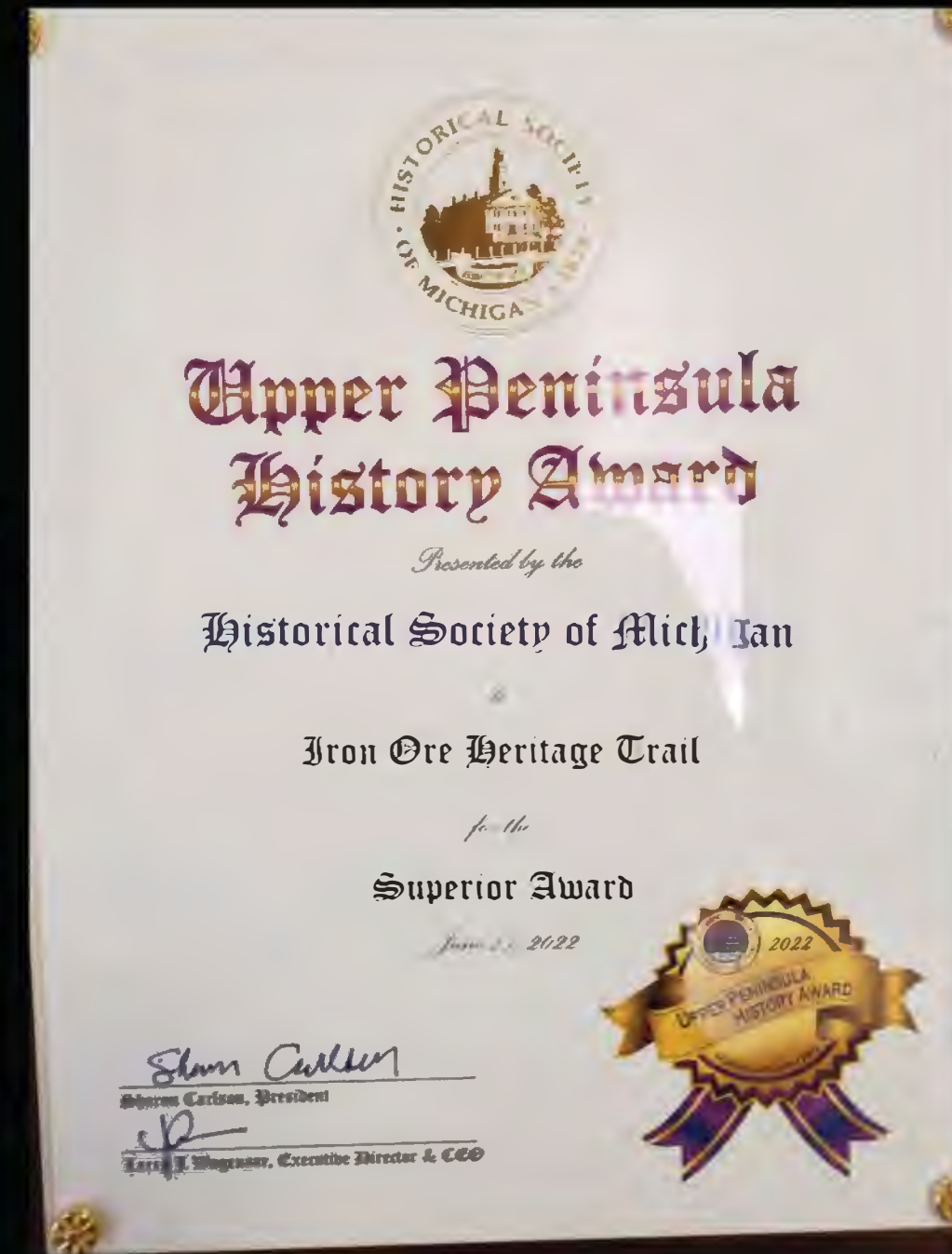
In the News



Iron Town Documentary Debuted at Fresh Coast Film Festival. Features IOHT



Notified in early 2022 National Recreation Trail Photo Contest Winner



Awarded U.P. History Award by Historical Society of Michigan

○○○○

In the News...

*Moody on the Market,
October 8, 2022*



A DEEP DIVE ON 'COLOR TOUR' ROUTES IN WEST MICHIGAN

By MoodyOnTheMarket.com | Posted October 8, 2022 | What's Happening

Color in West Michigan.

Northern West Michigan & Upper Peninsula Color Tours
From hiking, biking or even driving - there are multiple trails and overlooks for leaf peeping in Marquette County, from the Iron Ore Heritage Trail, a 47-mile, multi-use, interpretive trail, to Thomas Rock, a hidden gem scenic lookout. For visitors looking for a quick trek with an exceptional view, head out to Harlow Lake and soak in the reflections of autumn on the glassy lake, or take to the accessible trail at Thomas Rock for an underrated panoramic view of Marquette County. Adventure over to CR 510 Bridgeview, for an overlook that is drivable and offers views of copper and auburn leaves with deep greens.

*Cleveland.com
April 12, 2022*

Travel

20 of the best bike trails in the U.S., the 326-mile Ohio to Erie Trail

Updated: Apr. 12, 2022, 12:22 p.m. | Published: Apr. 12, 2022, 7:39 a.m.



The Gr... from a... Signed-in readers now can bookmark stories to read later. X... rn Pennsylvania draws cyclists to

Iron Ore Heritage Trail, Michigan

Michigan has an embarrassment of riches — 2,500 miles of rail-trails — so it's difficult to highlight just one or two, but the unique Iron Ore is among the most beautiful and fascinating. Located in the Upper Peninsula, it cuts 47 miles across the Marquette Iron Range and a long, lovely stretch hugs Lake Superior. **Website:** ironoreheritage.com

*Awesome Mitten
August 1, 2022*



#MIAWESOMEMITTEN #MIAWESOMEPLACES EASTERN UPPER PENINSULA WESTERN UPPER PENINSULA

THE Best Things to Do in the Upper Peninsula in 2022

Cycle Along the Iron Ore Heritage Trail

If you're searching for a summer activity in the Upper Peninsula that will spark your imagination, take you on a tour through history and give you a chance to stay active, then the Iron Ore Heritage Trail near Marquette is the best opportunity for you.



Other Operational Work



Leased land from Lakenenland, Thomas LLC and Dan Perkins Construction for trailhead developments

Submitted Grants to MDARD, Michigan Natural Resources Trust Fund, Michigan Spark, West End Health Foundation, American Trails, MISORVA, DNR ORV

IRON ORE HERITAGE RECREATION AUTHORITY

DRAFT
11.15.22

RECREATION PLAN | 2023-2028



MICHIGAN TRUST FUND BOARD PRESENTATION: LAKENENLAND EXTENSION

Members and Contributors to Respect Marquette and Marquette County Trail Sustainability Committees



Manage 11 Adopt-A-Mile Organizations



2023 PLANS

- **Maintenance Capacity Building: Equipment and Personnel**
- **Purchase Koski Trust Land, 176 acres in Marquette & Negaunee Townships**
- **Trailhead development: Winthrop in Ishpeming, Expanded Stoneville Road, Tilden, and Lakenenland, Chocolay**
- **Republic Millage Renewal**
- **Boardwalk Development, Negaunee**
- **Negaunee Township Aggregate Rejuvenation**
- **Hire Administrator**
- **ORV Maintenance, \$60K Grant**



Republic Trail



ORV Trail Grading



Negaunee Township
Aggregate

CHOCOLAY TOWNSHIP NEWSLETTER**December 2022****DEPARTMENT REPORTS****Manager****By Bill DeGroot**

The snow has arrived throughout the Upper Peninsula. During this time there are many independent contractors and government employees trying to move snow throughout the township. Please be cautious because they may not always be able to see you when plowing. The ice rink will be opened when we can consistently freeze safe ice. We realize this may not be what some people would like to hear, but it is for the safety of all that we make this determination each year.

The Township Board heard from their engineering consultant that based on the findings from the water feasibility study, the new federal and state funding sources would not be usable thus making the project 100% funded through local fees. After a long discussion the Board voted to end the feasibility study because the impacts to the residents would be too significant without federal or state funding. We will have the final report by the end of March to be released to the public. The report will be available on our website. This is a disappointment; we will continue to pursue options to help those with water quality concerns. As always, if you believe you have water quality concerns now, please reach out to the Marquette County Health Department.

The Township will be releasing a new website by March designed to be much more user friendly. Residents will also have the option through the website to sign up for text or email alerts so new information can be transmitted quickly. Finally, we are in the final test of a new survey engagement

product. We will be producing three to five question surveys each month to gather public input for master planning, community parks, and activities research to better tailor our projects with public desire. This product will be rolled out by February.

On behalf of the Township Staff, we wish you and yours a safe and happy holiday season!

Assessing**By John Gehres**

Marquette County Equalization issued their finalized studies. Chocolay Township's residential needs an increase of 14.6% over last year. Agricultural and Commercial increases are both in the 9% range. We also held the December Board of Review which saw 12 Veterans exemptions and 2 qualified errors.

Clerk**By Lisa Perry**

On December 9, 2022, Chocolay Township was part of a Statewide recount of Proposal 3. This is the first time since 1968 that a statewide recount has been held. There were four counties from the Upper Peninsula that had jurisdictions involved with this recount: Marquette, Houghton, Dickinson, and Sault Ste. Marie.

We started the recount of Marquette, Dickinson, and Houghton counties around 12:00 PM and it was complete by 6:00 PM. The recount was not to find actual votes to change the outcome of the election, it was to see if the tabulators used worked as they should. This was a very interesting part of the election cycle to be part of.

Staff have been busy in the office closing out the 2022 year and preparing for the 2023 year. Many things to be done. With that being said, I would like to wish you a Merry Christmas and Happy New Year!

Fire Department

By Lee Gould

The fire department closed out 2022 with our highest emergency call volume in our history. We responded to 140 emergency calls. Our previous high was 116 calls for service. This is both good and bad. The more calls the department gets helps to keep training skills sharp and enthusiasm high. The negative side to this for a part-paid department is it takes significantly more time away from family and personal life. Being a volunteer or part-paid firefighter is a delicate balancing act. Our member roster grew slightly in 2022 to 24, our highest in many years. More available responders will definitely help with calls and ensure adequate staffing throughout the year.

2022 had the fire department finalize our fire truck replacement specification. From there, the truck was built. Currently our replacement truck is being finalized with an anticipated delivery of late January 2023. This was a three-year project that will serve the citizens of Chocoley Township for twenty plus years. The fire department is excited to take delivery of the truck, finish the equipment installation and get it put into service.

Those were the two biggest impacts the fire department had for 2022. We are excited to ring in 2023 and continue our service to the community. We will continue to build on our programs to further our growth in all areas.

Public Works

By Brad Johnson

We are running very short staffed with one member of our team moving over to the planning

department and the other being on vacation. The storm over Christmas was very stressful with trying to keep everything open but we managed it pretty well.

The ice rink that we normally have has still not been started with how much above freezing temperatures we have been having. The future forecast is not looking good for it either at this point. It's getting pretty late in the year to start but if the weather cooperates properly, we will try to get it up and usable yet this year.

The glass dumpster is now moved to its current home behind the fire station. So far the residents seem to like it better here because it is being kept open better than the previous location.

Planning / Zoning

By Dale Throenle

Planning Commission

The Planning Commissioners participated in a meeting on December 19 in the Township Fire Hall. There were six items on the agenda for the regularly scheduled meeting. Commissioners decided to do the new business first, since there was a scheduled preliminary site plan review.

New Business

1) Preliminary Site Plan Review - M-28 East

The Commissioners reviewed and made recommendations on a preliminary site plan for a project to be located on the south side of M-28 between the America's Best Value Inn and Nagelkirks Gardens. The proposed project is a training center for the Ironworkers.

2) 2023 Meeting Dates

The Commissioners reviewed and approved the Planning Commission meeting dates for 2023.



3) Industrial Zoning District Conditional Use Discussion

The Commissioners discussed adding single family residential and rentals to the Industrial (I) zoning district. Staff was directed to bring recommendations to the next meeting.

4) Zoning Districts and District Intent Statements

The Commissioners discussed the intent statements for the proposed zoning districts in the new zoning ordinance.

5) Land Use Discussion

Commissioners began a discussion of the land uses for each of the proposed zoning districts in the new zoning ordinance. Commissioners completed

two of the eleven pages of recommendations and tabled the remaining pages to a future meeting.

Unfinished Business

1) Township *Zoning Ordinance* Current Definition Review

The Commissioners tabled the discussion on this item to a future meeting.

Zoning Board of Appeals

The Zoning Board of Appeals scheduled for December 22 was postponed to January 5 due to weather.

Prescription Drug Collection

Prescription drug collection through the drop-off box at the Township Police Station.

Month 2019	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Pounds To-Date	1	11	7.5	10	7.5	3	9	7	7	5	0	21
Pounds Year To-Date	1	12	19.5	29.5	37	40	49	56	63	68	68	89

FOIA

REQ #	Date Rec	Res by Date	48 Days Invoice	10 day Ext Sent	10 day Ext	Response Date	Link to Documentation	Description
22-1	1/6/2022	1/13/2022				1/28/2022	22-1 Abbie 1-6-22	Police Reports and video
22-2	1/19/2022	1/26/2022				2/2/2022	22-2 McDonald & Wolf 1-19-22	Police Reports and video
22-3	2/1/2022	1/7/2022				2/22/2022	22-3 Howard 2-1-22	Police Report
22-4	2/1/2022	1/7/2022				2/22/2022	22-4 Applied Ecosystems 2-1-22	Questions/5063 US41 S site
22-5	2/14/2022	2/21/2022				2/17/2022	22-5 Bell 2-15-22	Police Report/documents
22-6	2/17/2022	2/23/2022				2/21/2022	22-6 Warren Group 2-23-22	Winter 2021 tax roll
22-7	2/22/2022	2/28/2022				3/14/2022	22-7 Mulcahey 2-22-22	Police Reports/documents
22-8	3/1/2022	3/7/2022				3/21/2022	22-8 Christopher Trainor & Associates 3-1-22	Police Reports
22-9	3/5/2022	3/11/2022				3/25/2022	22-9 Mulcahey 2-4-22	Time for staff to respond
22-10	4/25/2022	4/29/2022				4/25/2022	22-10 Petrocik 4-22-22	Police Reports
22-11	4/28/2022	5/4/2022				4/28/2022	22-11 Swajanan 4-28-22	Police Reports
22-12	4/27/2022	5/3/2022				4/28/2022	22-12 McMahon 4-27-22	Police Reports
22-13	5/17/2022	5/24/2022				5/18/2022	22-13 MacGregor 5-17-22	Police Reports
22-14	5/20/2022	5/27/2022				6/13/2022	22-14 Mulcahey 5-20-22	Zoning Permits Lakewood Ln.
22-15	5/23/2022	5/31/2022				5/31/2022	22-15 Thill 05-23-22	Police Reports
22-16	5/26/2022	6/3/2022				5/31/2022	22-16 Gerou 05-26-22	Police Reports
22-17	5/31/2022	6/8/2022				6/21/2022	22-17 Abbie 6-1-22	Police Records
22-18	6/2/2022	6/8/2022				6/7/2022	22-18 Soucy Electric 6-2-22	Police Reports
22-19	6/14/2022	6/21/2022				6/21/2022	22-19 Mulcahey 6-14-22	Registered Rental List for Chocoday Township
22-20	6/14/2022	6/21/2022	7/7/2022	06/20/2022	7/7/2022	6/28/2022	22-20 Mulcahey 6-14-22	Recording/Document
22-21	6/27/2022	7/5/2022				6/27/2022	22-21 Lamere 6-27-22	Copies of security cameras on drop boxes
22-22	6/30/2022	7/8/2022				7/7/2022	22-22 Gagnon 6-30-22	Police Reports
22-23	7/27/2022	8/3/2022				7/28/2022	22-23 Elefante 7-27-22	Police Reports
22-24	7/27/2022	8/3/2022				7/28/2022	22-24 TriMedia-Helen Amiri 7-27-22	Fire Records
22-25	7/28/2022	8/4/2022		8/2/2022	08/18/2022	8/4/2022	22-25 TriMedia-Helen Amiri 7-28-22	Fire Records
22-26	8/4/2022	8/11/2022				8/5/2022	22-26 Fairfield 8-4-22	Police Reports
22-27	8/5/2022	8/12/2022				8/10/2022	22-27 Numinen, DeForge, Toutant PC 8-5-22	Police Reports
22-28	8/8/2022	8/15/2022		08/11/2022	8/29/2022	8/18/2022	22-28 Hood 8-8-22	Election Information
22-29	8/9/2022	8/16/2022				8/11/2022	22-29 Prisk 8-9-22	Fire Records
22-30	8/22/2022	8/29/2022		08/25/2022	9/6/2022	8/30/2022	22-30 Mulcahey 8-22-22	Promulgated rules
22-31	8/29/2022	9/5/2022				8/31/2022	22-31 Roberts 8-29-22	Police Records
22-32	9/13/2022	9/19/2022				9/15/2022	22-32 Bosk Corp.-Mark Rudness 9-13-22	Police Records
22-33	9/19/2022	9/23/2022				9/22/2022	22-33 Davis 9-19-22	Public Records re: Statewide Solid Waste Management
22-34	10/19/2022	10/25/2022		11/08/2022		10/20/2022	22-34 Mulcahey 10-19-2022	Zoning Permits
22-35	10/18/2022	10/24/2022				10/24/2022	22-35 Langridge 10-18-22	Police Reports
22-36	10/26/2022	11/1/2022		10/31/2022	11/15/2022	11/10/2022	22-36 Bigler-Envirologic Tech 10-26-22	Assessing/Fire/Building codes/Water /Sewer
22-37	10/31/2022	11/4/2022		11/04/2022	11/21/2022	11/8/2022	22-37 Numinen, DeForge, Toutant PC 10-31-22	Police Reports
22-38	11/7/2022	11/11/2022				11/4/2022	22-38 Kivi 11-7-22	Police Reports
22-39	11/7/2022	11/11/2022				11/8/2022	22-39 Marin Law Firm 11-7-22	Police Reports
22-40	11/9/2022	11/15/2022				11/14/2022	22-40 Wilson 11-9-22	Police Reports
22-41	11/18/2022	11/28/2022				11/23/2022	22-41 Liimatta 11-18-22	Election Information
22-42	11/29/2022	12/6/2022				12/5/2022	22-42 Kaukola 11-29-22	Fire Records

Web Page Statistics

Year to date totals through December are shown in the table.

Month	Unique Visits	Number of Visits	Pages	Hits	Bandwidth (GB)
January	2,192	4,144	30,311	44,850	7.41
February	1,984	4,243	19,341	31,676	18.91
March	2,289	4,249	19,679	32,861	21.57
April	1,912	3,963	17,327	30,200	22.89
May	2,169	4,159	18,100	31,803	28.40
June	2,079	4,243	24,862	38,302	23.56
July	1,552	3,121	16,777	29,859	25.03
August	1,693	3,297	18,170	30,355	37.29
September	1,525	3,317	45,492	57,962	27.67
October	1,821	3,658	21,208	37,524	38.59
November	1,809	3,455	32,525	46,999	26.60
December	2,208	4,269	43,644	65,313	48.48
Totals	23,259	46,196	307,737	478,279	327.86
Averages	1,938	3,850	25,645	39,857	27.32

Highest hits per day in December for the Township web site occurred on Sunday and the highest peak usage time was 11 PM to 12 AM.

Downloads

There were 916 downloaded documents in December. The top ten documents downloaded were:

Page	Number of Downloads
2022 meeting dates	668
2022 notification dates	656
2022 adopted fee schedule	367
FOIA request	358
Township Board minutes – 10.10.22	129
Township Board minutes special – 09.12.22	122
Township Board minutes joint – 09.07.22	116
Township Board minutes – 11.14.22 draft	114
Planning Commission agenda materials – 06.20.22	112
Board of Review minutes – 12.14.21	80

Page Visits

Top ten pages visited in December were:

Top ten pages visited in July were: Page	Number of Views
Elected and Appointed Officials	930
Public Notices	919
Agendas and Minutes – Township Board	847
Directory email	816
Agendas and Minutes – Board of Review	741
Contacts	715
Agendas and Minutes – Planning Commission	681
Recycling	643
Information and Newsletters	642
Clerk	636

Zoning Permit Counts

Zoning permit counts through December, 2022:

2022 Reviewed Permits by Month		2022 Reviewed Permits by Type		
Month	Number of Permits		Approved	Denied
		Permit Type	Number	Number
January	3	Addition	7	1
January	3	Alteration	0	0
February	4	Commercial Outbuilding	0	1
March	1	Conditional Use	0	0
April	3	Deck	3	0
May	21	Fence	15	0
June	13	Garage	8	0
July	6	Grading	0	0
August	6	Home	3	0
September	10	Home / Garage	11	0
October	5	Home Occupation	1	0
November	0	New Commercial	0	0
December	0	Outbuilding	11	1
		Pole Building	3	0

2022 Reviewed Permits by Month		2022 Reviewed Permits by Type		
			Approved	Denied
		Rezoning Application	0	0
		Sign	2	0
		Site Plan Review	1	0
		Zoning Variance Request	4	0
Total	72	Total	69	3

