

AGENDA
CASCADE CHARTER TOWNSHIP
REGULAR BOARD MEETING

Wednesday, September 27, 2023

7:00 P.M.

Wisner Center

2870 Jacksmith Drive SE, Grand Rapids 49546

Public may access the meeting via video conference software Zoom

<https://us02web.zoom.us/j/81664603678>

Meeting ID: 816 6460 3678

By Phone: 1 312 626 6799

Expected Meeting Procedures

1. During public comments you may speak on any item not noted on the agenda for a public hearing.
2. Please limit comments to 3 minutes per person and the Board may or may not choose to respond.
3. Please limit your comments to a specific issue.
4. Please turn OFF cellular phones.

Article 1. Call to Order, Roll Call

Article 2. Pledge of Allegiance to the Flag

Article 3. Approval of Agenda

Article 4. Presentations

Article 5. Public Comments - Anything on the Agenda not scheduled for a public hearing. (Limit comments to 3 minutes)

Article 6. Approval of Consent Agenda

- a. Receive and File Minutes
 1. Township Board Meeting–9/13/23 & 9/15/23
 2. Planning Commission-8/7/23 & 8/21/23
- b. Receive and File Reports
 1. Building Department–August 2023
- c. Receive and File Education Requests
 1. David Lintemuth–Fire Inspector I Training
- d. Receive and File Communication
 - 1.

Article 7. Financial Actions

- a. Financial Statement August 2023

b. Request for Invoices to be paid on 9/28/2023

Article 8. Unfinished Business

052-2023 Consider Approval of Type II Special Use Permit for a Commercial Composting Operation at 5745 Whitneyville Avenue
(Roll Call)

Article 9. New Business

082-2023 Consider Request to Approve Resolutions for Grand Rapids Triathlon to Close Public Streets on June 8 & 9, 2024 *(Roll Call)*

083-2023 Consider Resolution to Designate POW/MIA Recognition Day *(Roll Call)*

084-2023 Consider Contract for Financial Services with Plante Moran

Article 10. Discussion

Article 11. Public Comments – Any comments...whether it is on the agenda or not. (Limit comments to 3 minutes)

Article 12. Manager Comments

Article 13. Board Member Comments

Article 14. Adjournment

**MINUTES OF THE
CASCADE CHARTER TOWNSHIP
REGULAR BOARD MEETING**

Wednesday, September 13, 2023

Wisner Center

2870 Jacksmith Dr SE

Grand Rapids, MI 49546

And Virtual Zoom Meeting

7:00 P.M.

HYBRID FORMAT

- Article 1.** Supervisor Lesperance called the meeting to order.
Present: Supervisor Lesperance, Clerk Slater, Treasurer Korstange,
Trustees Koessel, Shipley and Noordhoek
Absent: Trustee McDonald (Excused)
Also Present: Interim Township Manager Andrzejewski, New Township
Manager Jade Smith, Deputy Clerk Jager, Parks and Rec. Dir. Manion and
those listed in the Supplement
- Article 2.** Supervisor Lesperance led the Pledge of Allegiance.
- Article 3. Approval of Agenda**
Motion by Trustee Shipley, seconded by Trustee Noordhoek to approve the
agenda. Motion carried unanimously.
- Article 4. Presentations**
None
- Article 5. Public Comments-Anything on the Agenda not scheduled for a public
hearing. (Limit comments to 3 minutes)**
1. Andrew Howe-6257 Cascade Rd-spoke in support of rescinding
connection requirements for water/sewer.
 2. Nick Heinz-Attorney for Tuffy-spoke in favor of Tuffy Lease Assignment.
 3. Scot VanSolkema-2570 Orange Ct-inquired if anyone has garnered the
opinion of Tuffy tenants.
- Article 6. Approval of Consent Agenda**
- a. Receive and File Minutes
 1. Township Board Meeting-8/23/23
 - b. Receive and File Reports
 1. Treasurer's Department Report June 2023
 2. Treasurer's Department Report July 2023
 3. Building Department July 2023
 - c. Receive and File Education Requests
 1. Ryan Bruneau-Planning Michigan Conference-Traverse City, MI-10/4-6/23

- 2. Clerk Slater-Twp Clerks Conference-Harbor Springs, MI 9/26-27/23
- 3. Michael Poolman-Education Reimbursement-Waldorf University

- d. Receive and File Communication
None

Motion by Trustee Koessel, seconded by Treasurer Korstange to approve the Consent Agenda. Motion carried unanimously.

Article 7. Financial Actions

- a. **Consider Approval of August 2023 Payroll, Payables and Transfers**
- b. **Request for Invoices to be paid on 9/14/2023**

Motion by Trustee Shipley, seconded by Treasurer Korstange to approve. Motion carried unanimously.

Article 8. Unfinished Business

069-2023 Consider Approval of Tuffy Lease Assignment Offer

Motion by Trustee Koessel, seconded by Trustee Noordhoek to remove item from the table. Motion carried unanimously. Considerable discussion. Motion by Trustee Koessel, seconded by Supervisor Lesperance to re-table the item. Motion carried unanimously.

Article 9. New Business

077-2023 Consider Resolution to Establish Friendship Park (Roll Call)

Motion by Trustee Koessel, seconded by Trustee Shipley to approve. Motion carried unanimously by roll call vote.

078-2023 Consider Resolution to Approve Design and Funding of Wycliffe Trailhead Park (Roll Call)

Motion by Clerk Slater, seconded by Treasurer Korstange to approve. Motion carried unanimously by roll call vote.

079-2023 Consider Resolution to Establish Streetlight District in Golden Valley Estates (Roll Call)

Motion by Trustee Koessel, seconded by Trustee Shipley to approve. Motion carried unanimously by roll call vote.

080-2023 Consider Resolution to Establish Early Voting Polling Location (Roll Call)

Motion by Trustee Shipley, seconded by Treasurer Korstange to approve. Motion carried unanimously by roll call vote.

081-2023 Consider Resolution to Rescind Article XV and Article XVI, Connection Requirements, §313-78 C(2) and §313-83 C(2) (Roll Call)

Motion by Trustee Shipley, seconded by Supervisor Lesperance to approve. Motion carried unanimously by roll call vote.

Article 10. Discussion
None

Article 11. Public Comments

1. Dorothy Cribbs-1980 Deerfield Ct-commented on Hope Network bus.
2. Walter Bujak-County Commissioner District 21-6639 Thornapple River Dr-discussed airport, ARPA funds, and Thornapple River Clean-up with LGROW September 16, 3-5 pm, hosted by Ada Township.
3. Scot VanSolkema-inquired on Peace St direction and Township meeting calendar.
4. James White-(virtual)-Rapid rider-shared bus data.

Article 12. Manager Comments

1. Interim Township Manager Andrzejewski thanked the Township staff and Board for good collaboration the past three months. He commented on staffing and purchasing policy improvements and the Hope Network bus route established that occurred during his tenure. He highlighted the Heritage Day Festival Saturday, September 16.
2. Manager Smith thanked Interim Township Manager Andrzejewski for his work.

Article 13. Board Member Comments

1. Trustee Koessel inquired on PFAS.
2. Treasurer Korstange thanked Interim Township Manager Andrzejewski.
3. Trustee Shipley thanked those in attendance for coming to the meeting and asked for removal of hanging telecommunication wires on 28th street.

Article 14. Adjournment

Motion by Clerk Slater, seconded by Trustee Shipley to adjourn. Motion carried unanimously.
Meeting adjourned at 8:40 pm.

Jennifer Jager
Deputy Clerk

Approved by:

Grace Lesperance, Supervisor

Susan B. Slater, Clerk

Minutes

Cascade Charter Township
Planning Commission
Monday, August 7, 2023
7:00 pm
2870 Jacksmith Ave SE

ARTICLE 1. Chair Nooryke called the meeting to order at 7:00 P.M.
Members Present: Noordhoek, Richardson, Moxley, Noordyke, Engel, Rissi, Bruneau, Rowland
Members Absent: None
Others Present: Planning Director Brian Hilbrands, Leslie Abdoos with Foster Swift, and others listed on the sign-in sheet

ARTICLE 2. Pledge of Allegiance

ARTICLE 3. Approve the current Agenda

Motion was made by Member Engel to approve the current agenda. Supported by Member Moxley. Motion carried 8 to 0.

ARTICLE 4. Disclose any conflict of interest

There were no conflicts of interest disclosed.

ARTICLE 5. Approve the Minutes of the July 10, 2023 Meeting

Member Engel proposed an edit in Article 10 to change the word “me” to “be”.

Motion was made by Member Engel to approve the July 10 meeting minutes with the proposed change. Supported by Member Rissi. Motion carried 8 to 0.

ARTICLE 6. Acknowledge visitors and those wishing to speak

There was no one that wished to speak.

ARTICLE 7. Case #23-3781/Cascade Charter Township

Requested Action: Planning Commission recommendation to amend the Centennial Park Overlay District pertaining to permitted density for residential uses.

Planning Director Hilbrands presented the case and explained the current Overlay District allows for High-Density Residential Uses exceeding 12 units per acre as a Special Use, whereas the proposed amendment would not allow for more than 12 units per acre as a permitted Special Use.

The Centennial Park Overlay District was created in 2010 as a recommended implementation strategy of the Centennial Park land use and design plan created in 2008. Planning Director Hilbrands explained the park had minimal regulations on uses or appearance and suffered from high vacancy rates. This resulted in the township and the Centennial Park Business Association partnering to create a design plan and split the

costs of plan development. The plan was created to establish consistencies with site improvements and regulate permitted uses, design standards, architectural controls, and site requirements.

Density and land use throughout Cascade has been a concern of Township leadership, and the proposed amendment limiting residential density to 12 units per acre would bring it in line with recommendations made in the 2019 Master Plan. A review of the 2019 Master Plan has been initiated to bring further alignment to the 2022 Strategic Plan, as well as further investigation of appropriate densities and land uses for various areas.

Planning Director Hilbrands stated he believed Centennial Park could be a good candidate to allow for higher residential density, given the location. He explained there would need to be additional research completed to reach any firm conclusions, and that this can be looked into further as part of the review of the Master Plan.

Member Bruneau questioned what would make this area acceptable to add more than 12 units per acre, given that comparable sites have 10 or fewer units per acre. Planning Director Hilbrands said the public roads, the buffer between lower and higher density, and the mix between residential and office buildings are factors that would make it an appropriate area for higher density.

Motion was made by Member Engel to open public hearing. Supported by Member Rissi. Motion carried 8 to 0.

Glenn Turek (7199 Mooring Heights) purchased land 28 years ago with the hope to build a luxury multi-family development. He explained that the current overlay was created in 2010 by the township and business owners who each shared the cost. He said adding high-density residential as a permitted use has been essential for encouraging a growing economy and to support local businesses. Turek further stated the capping at 12 units per acre will not support the luxury apartments.

Drew Nelson (386 Pebble Beach) attended the meeting to represent developers that will be impacted by this decision. He explained there is a need for renters and limiting the complex to 12 units per acre will not fulfill the need for housing.

Kevin Lipke (4900 Streamside Pointe) has family members that own land in Centennial Park. He was very impressed with the luxury apartment plans and other business owners in the area share the same opinion. Lipke stated that the practicing doctor at the Cancer and Hematology Center of West Michigan expressed a need for high-end apartments for employees. He proposed creating a subcommittee to discuss this further, as this will impact developers greatly.

Mark Davis is the president of Redhawk Multi-Family and he explained the Master Plan and overlay was designed to provide a housing density of over 12 units per acre. There is limited space in Grand Rapids to provide Luxury dwellings. He said this complex will add life and new businesses to the area. He suggested rather than capping the density, the township should work with developers to make alternative restrictions.

Kevin VanHaitsma (7625 Aspenwood Dr) works for Bradly Company Commercial Real Estate and is representing the property owner and Redhawk Multi-Family. He stated there have been thousands of hours put into this project already and it is a very needed development. He proposed creating an alternative solution since capping the density is extremely limiting. VanHaitsma added that the Grand Cascade apartment complex will be exceptional and sophisticated.

TJ Vansluton is a software engineer looking to move into the area but has limited housing options. He presented the commission with pictures of the proposed high-end apartment complex.

Kenvin Einfeld, the property owner of 5010 Cascade Road and founder of BDR, expressed support for this project. His company is currently building 348 apartments in Gaines Township and he reiterated the need for additional housing. Einfeld said there is not much sense in capping the density.

Dave Mills (7425 Kenrob Drive) has lived in Cascade for 34 years and supports the project. Mills may even consider moving to the project in the future since he desires a high-end home in the Forest Hills district.

Kirk Driesenga (2851 Charlevoix) works for the Hinman Company which owns four parcels within Centennial Park. He explained the need for apartments for high-income earners and retirees.

Mike Kasmauskis (1769 Laraway Lake) is president of the Centennial Park Business Association. He said the overlay was created for guidance purposes and was made in the interest of all parties involved in the future. Kasmauskis stated that this simple amendment will be detrimental to the development of this community.

Karen Kilner (2253 Palmdale Dr) explained the hardship she has endured locating a high-end 1–2-bedroom apartment for her daughter in the area. She wants the growing population of young adults to benefit from modern, new luxury options. These apartments will contribute to economic growth.

Callaway Greener, who lives in the Grand Rapids area, recently graduated with a degree in supply chain management. He believes that in order for this area to develop, there needs to be more housing.

Sarah Diamond, an employee of a Centennial Park business, has been looking for a luxury one-bedroom apartment for her and her husband. The area proposed for this apartment is in an extremely convenient location and will help the economic growth of Cascade.

Sherry Hooper, resident of the Forest Hills Northern District, said she loves the residential feel of Centennial Park. She said these apartments would only add to the value of the park.

Brian Lake (3422 Aspenwood Ct) expressed how much he cares about Cascade and has loved watching the development of the township. He recruits executives and has seen firsthand the difficulty people have in finding one-bedroom luxury apartments.

Motion was made by Member Rissi to close public hearing. Supported by Member Moxley. Motion carried 8 to 0.

Member Rowland expressed concern about setting a precedent and mentioned he is not in favor of 3 story developments.

Member Bruneau found it difficult to support almost triple the number of units per acre. He questioned what the residents of Cascade would truly want, and he was unsure if they would want high density.

Member Rissi asked if there are any designations in the future land use map or Master Plan for a high-density residential and Planning Director Hilbrands indicated 12 units per acre is the highest.

Member Engel commented that offering forward-thinking housing options could not only draw in potential residents, but also attract desirable businesses to the area. He saw this as a potential opportunity given that the infrastructure, roads, and utilities are already in place.

Member Moxley expressed his fondness for visiting relatives who lived in a similar dwelling, featuring up to 4 stories and a higher density. He had no issues with higher-density developments in this area.

Member Richardson empathized with the need for luxury apartments, especially for young professionals, but felt there are other places with more space for this development. He did not want to set a precedent.

Member Noordhoek said there is a responsibility for current residents, as opposed to potential residents. The current traffic levels worried him, and he felt that there are more suitable locations with greater land area for this development.

Chair Noordyke stated when his company looks to develop new offices, they gravitate towards higher-density areas. Cascade residents highly appreciate and prioritize green space and they are opposed to plans that may lead to increased density. He also expressed concern about the deviations between the overlay and the Master Plan.

Member Rissi found there are a few ways to go through this, the first being to follow the proposed amendment to cap the density at 12 units per acre until the Master Plan process has been worked through. The other option is to table this decision.

Motion was made by Member Bruneau to recommend approval of amending the Centennial Park Overlay District to limit residential density to 12 units per acre. Supported by Member Rowland. Motion carried 7 to 1.

ARTICLE 8. Case #23-3780/Cascade Charter Township

Requested Action: Planning Commission recommendation to amend the Zoning Ordinance pertaining to the Airport Commerce (AC) Zoning District, revisions to the mapped AC zoning district, and the creation of three overlay districts.

Planning Director Hilbrands presented the case and explained that Chapter 14 of the Zoning Ordinance currently includes two subzones around the airport. Subzone 1 includes a majority of the airport area extending out from the runways, and allows for a variety of uses by right with no site plan review. Subzone 2 includes the outlying areas adjacent to public streets and requires a site plan review for nonaeronautical uses.

The amendments consist primarily of items within Chapter 14 of the Zoning Ordinance and will replace subzones with new overlay districts, which will help to regulate permitted uses in the area around the airport. Overlay A restricts uses permitted on the east side of the airport and Overlay B allows for aeronautical uses to be located within a larger area on the southwest side of the airport. There will be a site plan review required for all non-aeronautical uses, except those located in Overlay C. The Township Stormwater Ordinance requirements must continue to be met for non-aeronautical uses in all areas.

Legal Counsel Abdoo stated a letter was received from the airport with comments regarding Act 95 which deals with the creation of the GRR Authority. She stated airport officials believe that the township lacks the authority to regulate any activities on airport premises, irrespective of whether they are related to aeronautical use or not. Abdoo explained her opinion that the township has the ability to regulate and require a site plan review for non-aeronautical uses. She also noted that the proposed changes are more consistent with the Airport Approach Plan and the Airport Layout Plan and create a safer environment.

Motion was made by Member Engel to open public hearing. Supported by Member Rissi. Motion carried 8 to 0.

Casey Ries with the Airport Authority claimed that significant changes in state law have occurred since the implementation of the current airport zoning. The first change requires community Master Plans that house an airport to consider the airport's Master Plan and Airport Approach Plan. He explained that, upon amending the Township's Master Plan, it would be an excellent time to align both airport and township plans to be more cohesive. Ries also reiterated the need for improved communication between township and airport officials, as he did not believe the airport had received responses to the letters that they provided.

Legal counsel Abdoo clarified there was a letter sent discussing Act 95. The letter was the township's interpretation of Act 95 in response to the airport's interpretation. This was specific to the Conrac facility as a potential land use and further explained that the reason behind Overlay C was to give the airport more flexibility in that area. She stated there were two letters that had been sent from the Township. One letter was related to Conrac and the other was referencing distinctions between the Master Plan and Zoning Ordinance and was sent to MDOT.

Member Bruneau sought more precise documentation regarding communication exchanges with legal counsel, specifically letters that are sent.

Member Rissi asked for feedback regarding Overlay C. Ries appreciated the implied intent of the overlay, but believed this made a complicated zoning approach even more complicated. There were a few fundamentals that he addressed. The first was the township's and airport's need to define aeronautical and nonaeronautical facilities. Understanding how the State, Drain Commission, and Township's review of site plans for stormwater purposes apply to this situation was another point. Lastly, he wanted to help the Township's Master Plan consider those safety zones and protections put in as part of the airport's Master Plan.

Some other areas of misalignment include the zoning overlay suggesting residential or recreational gathering, and the Airport Approach Plan's appropriate use of the land in terms of noise.

Dave Caldon, legal counsel representing the airport, clarified they had received one letter in regard to the Conrac facility, only referencing the Dewitt case, which did not appear relevant. He also wanted to ensure the Planning Commission has thoughtfully read through the comments provided in a letter received on August 4.

Chair Noordyke suggested that Ries put together a list of items to discuss with either Staff or the Planning Commission.

Motion was made by Member Rissi to close public hearing. Supported by Member Engel. Motion carried 8 to 0.

Abdoo stated that, from the proposed revisions and letters received from the airport, it is their position that the Township has no regulatory authority over any use of airport property which she strongly disagrees with. There does need to be a more defined definition of aeronautical use. She believed it could be appropriate for the Township to consider amendments to the Master Plan that would incorporate the Airport Layout Plan and the Airport Approach Plan.

Member Rowland expressed concern with the proposed amendment that may allow for a shopping mall or various businesses around the airport.

Member Rissi said the subcommittee aimed to provide the airport with a reasonable level of flexibility for development while taking into account the existing zoning regulations.

Motion was made by Member Rissi to recommend approval of the proposed zoning amendments as presented. Supported by Member Engel. Motion carried 7 to 1.

ARTICLE 9. Old Business

Chair Noordyke said the Wormies case will be brought back to the Planning Commission in September.

Member Moxley will be putting together notebooks with information, notes, and letters for the Township Board regarding the airport rezoning.

ARTICLE 10. Any Other Business

Member Bruneau stated he had two of his cars broken into and advised to keep car doors locked. He also asked about the PFAS issue and mentioned a household close to his had received water testing due to a potential new plume. He wondered what could be done to spread awareness.

Chair Noordyke said that there is some information available on the Township website.

Member Rissi supported looking into restricting compression breaking on certain roads.

Member Moxley said he had water testing completed by EGLE and they offered a free filtration system.

Member Engel commented about wake boats playing extremely loud music and wondered what the enforcement of the noise ordinance is. He also thanked Member Rissi for being the chair of the AC Zoning District Subcommittee.

Member Richardson is concerned with the changes made to the Cascade Road and Whitneyville intersection and believes it is dangerous. He also had reservations about the public comment in Article 7 because a team of coordinated individuals spoke for 30 minutes.

Member Rissi will be Chair of the Farmland Preservation Subcommittee. The other subcommittee members will be Member Bruneau, Member Engel, and Member Moxley.

Member Moxley said the junk yard property off of Grand River has been cleaned up.

ARTICLE 11. Acknowledge visitors and those wishing to speak.

Mike Kasmauskis (1769 Laraway Lake) said EGLE had completed water testing and concluded he did have PFAS in his water. He wondered what additional information he could have. Chair Noordyke said there are resources that will be discussed with him.

Supervisor Lesperance thanked the Commission for their hard work and appreciated their diligence. She said there were letters sent out to residents regarding the new PFAS issues and that EGLE is handling a lot of the new cases.

ARTICLE 12. Adjournment

Motion was made by Member Noordhoek to adjourn the meeting at 10:24 P.M.

Supported by Member Engel. Motion carried 8 to 0.

Respectfully submitted,

Joe Engel, Secretary

Minutes

Cascade Charter Township
Planning Commission
Monday, August 21, 2023
7:00 pm
2870 Jacksmith Ave SE

ARTICLE 1. Vice Chair Moxley called the meeting to order at 7:00 P.M.
Members Present: Noordhoek, Richardson, Moxley, Engel, Rissi, Bruneau, Rowland
Members Absent: Noordyke
Others Present: Planning Director Brian Hilbrands, Zoning Administrator (ZA) Madison Smith-Jacoby, and others listed on the sign-in sheet.

ARTICLE 2. Pledge of Allegiance

ARTICLE 3. Approve the current Agenda

Motion was made by Member Rissi to approve the current agenda. Supported by Member Engel. Motion carried 7 to 0.

ARTICLE 4. Disclose any conflict of interest

There was no conflict of interest disclosed.

ARTICLE 5. Approve the Minutes of the August 7, 2023 Meeting

Member Bruneau noticed a few errors in the public comment section of Article 7 seeking to correct Glenn Turek’s address to “7199 Mooring Heights” and in the last sentence of his statement “capping” was misspelled. He also noted that Mike “Kasmauskis” was spelled incorrectly and he wished to have that changed throughout the minutes. Member Bruneau wanted his comment in the first sentence on page 5 to be more specific and include reference to legal counsel’s letters and emails.

Member Richardson corrected a comment he made on page 4 to change “especially for young adults” to “for young professionals”.

Motion was made by Member Engel to approve the August 7, 2023 meeting minutes with the proposed changes. Supported by Member Rissi. Motion carried 7 to 0.

ARTICLE 6. Acknowledge visitors and those wishing to speak

There was no one that wished to speak.

ARTICLE 7. Case #23-3785/Kluce

Property Address: 8189 Ashwood Dr

Requested Action: Seeking a Type 1 Special Use permit for an accessory building exceeding 832sqft.

ZA Smith-Jacoby presented the case and explained the applicants have previously been approved for the accessory building, but were unable to start construction within a year. The plans are the same consisting of a 1,260sqft structure with a height to midpoint of 14ft that includes a 14X30 enclosed patio. The applicants meet all setback requirements and have a 1.9-acre parcel size. ZA Smith-Jacoby said that there will be no impact on neighbors and the applicants are utilizing the accessory building for a pool house and extra storage.

Staff recommended approval of the Type 1 Special Use permit.

Member Rissi suggested including meeting minutes for repeat cases.

Rachel Kluce (8189 Ashwood Dr) said there was a delay in the project to care for her mother-in-law.

Motion was made by Member Rissi to open public hearing. Supported by Member Noordhoek. Motion carried 7 to 0.

There was no one who wished to speak.

Motion was made by Member Rissi to close public hearing. Supported by Member Engel. Motion carried 7 to 0.

Motion was made by Member Rissi to approve the Special Use permit with Staff conditions. Supported by Member Engel. Motion carried 6 to 1.

ARTICLE 8. Master Plan Amendments

Danielle Bouchard with McKenna explained they have been involved with the township for a few years now regarding the Strategic Plan, implementation of DDA projects, and now a review of the Master Plan.

Upon review of the Master plan, Bouchard and her team compiled a list of recommended amendments. During the Strategic Plan process, there was significant public engagement and the Master Plan may require revisions to align with community preferences expressed in that public engagement. The 2019 Master Plan consisted of 4 major themes including neighborhoods and partnerships, sustainability and environment, economy and innovation, and transportation and mobility. The proposed themes are similarly related, but are more in alignment with what the community is seeking. Consistently across the board, resident's highest priority is the downtown village area followed by management and preservation, Parks and trails, and roads and streets.

Member Noordhoek asked what the defined village area is and Bouchard responded that there is an upper village around the area where the library is located and the lower village by the intersection of Cascade Road and 28th Street.

Members questioned whether there was a legal "village" of Cascade with a defined boundary and proper zoning. Bouchard stated that although the term "village" is used, they are actually referring to creating a bikeable, walkable, mixed-use atmosphere with

shopping and retail, not a legal village. McKenna has been collaborating with the DDA to add the above features to Thornapple Plaza, with aim to connect Old 28th Street and the upper village in some way as well.

Member Bruneau mentioned that he would like to see a map of where the village area is.

Bouchard gave general recommendations for the Master Plan including the creation of a goals and objectives section with a separate implementation plan for action items and projects. Having a hard copy of the Master Plan would also be helpful for mark ups and potential rezoning.

Member Rissi aimed to align the Master Plan, Future Land Use Plan, and zoning ordinances to avoid discrepancies in zoning terminology during amendments of the Master Plan. Bouchard said there are plans to create a comprehensive document relating the Future Land Use Plan and zoning documents together.

Bouchard provided a table graphic located in the meeting packet to showcase the 4 current themes in the 2019 Master Plan and project statuses, as well as McKenna's 2023 recommendations.

Member Richardson mentioned how he would like to see a recommendation for freight and rail, since heavy semi-trucks travel on several roads they should be redirected from.

Bouchard stated that the next task will be to provide more detailed designations in the Future Land Use Plan along with an updated zoning plan.

Member Rissi made note that "Thornapple Plaza" should be referred to as the "Thornapple Center", since that is the title of the PUD.

ARTICLE 9. Old Business

There was no old business to discuss.

ARTICLE 10. Any Other Business

- **Michigan Association of Planning Annual Conference** – Planning Director Hilbrands noted that this is an annual conference consisting of educational training for planning professionals, and is also available for Planning Commission members.
- **Rescheduling November 6 Meeting** – Planning Director Hilbrands noted that there is an election conflict with the November 6 meeting, so the meeting date will be moved to either the previous or following week.

Member Richardson requested that someone examine the website containing the township's Master Plan for possible integration into the main website.

Member Moxley noted that the Farmland Preservation Subcommittee of the Planning Commission had their first meeting on August 17.

ARTICLE 11. Acknowledge visitors and those wishing to speak.

There was no one that wished to speak.

ARTICLE 12. Adjournment

Motion was made by Member Rissi to adjourn the meeting. Supported by Member Engel. Motion carried 7 to 0. The meeting adjourned at 8:30 P.M.

Respectfully submitted,

Joe Engel, Secretary

Building Department

August Report Summary

- 1006 Permits Issued
- 2190 Inspections Performed

Financial Information August 31, 2023:

Fund Balance \$4,619,360.61

Annual Expenses (est.) \$2,353,451

Open Permits \$2,628,363.80

AFB (available fund balance: FB – open permits) / Annual Exp = .84 (target range .5 – 1.5)

FB (fund balance) / Annual Exp = 1.96 (target range 1.5 -2.5)

As always, feel free to reach out with any questions or comments on BD operations.

Brian Wilson

Director of Inspections

Rec'd 9/15

Aug 23

REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
 PERIOD ENDING 08/31/2023

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	JORM (ABNORM)	MONTH 08/31/23	INCR (DECR)	BALANCE		
Fund 249 - BUILDING FUND									
Revenue									
249-000-607-100	BUILDING PERMITS	0.00	0.00	118,946.00	(239,964.00)	(118,946.00)	100.00		
249-000-607-200	ELECTRICAL PERMITS	0.00	0.00	39,856.00	8,651.00	(39,856.00)	100.00		
249-000-607-300	PLUMBING PERMITS	0.00	0.00	26,937.00	6,279.00	(26,937.00)	100.00		
249-000-607-400	MECHANICAL PERMITS	0.00	0.00	53,350.35	11,757.35	(53,350.35)	100.00		
249-000-607-483	CASCADE TWP BLDG COM PERMITS	220,000.00	0.00	260.00	260.00	(260.00)	100.00		
249-000-607-484	CASCADE TWP BLDG RES PERMITS	140,000.00	445,000.00	419,694.00	302,370.00	25,306.00	94.31		
249-000-607-485	CASCADE TWP ELECTRICAL PERMITS	116,000.00	100,000.00	77,443.00	6,556.00	22,557.00	77.44		
249-000-607-486	CASCADE TWP MECHANICAL PERMITS	127,000.00	110,000.00	73,513.35	7,977.75	36,486.65	66.83		
249-000-607-487	CASCADE TWP PLUMBING PERMITS	65,000.00	55,000.00	37,731.00	3,599.00	17,269.00	68.60		
249-000-607-488	CASCADE - PR	54,000.00	0.00	0.00	0.00	0.00	0.00		
249-000-607-490	CASCADE TWP CONTRACTOR REG	56,350.00	9,000.00	7,560.00	1,260.00	1,440.00	84.00		
249-000-607-500	LOWELL TWP BUILDING PERMITS	80,000.00	86,000.00	27,830.00	4,906.00	58,170.00	32.36		
249-000-607-501	LOWELL TWP ELECTRICAL PERMITS	33,000.00	33,000.00	13,760.00	2,017.00	19,240.00	41.70		
249-000-607-502	LOWELL TWP MECHANICAL PERMITS	28,000.00	28,000.00	12,235.00	2,245.00	15,765.00	43.70		
249-000-607-503	LOWELL TWP PLUMBING PERMITS	23,000.00	20,000.00	5,795.00	839.00	14,205.00	28.98		
249-000-607-504	LOWELL TWP - PR	6,000.00	0.00	0.00	0.00	0.00	0.00		
249-000-607-510	VERGENNES TWP BUILDING PERMITS	76,500.00	71,000.00	46,220.00	4,354.00	24,780.00	65.10		
249-000-607-511	VERGENNES TWP ELECTRICAL PERMITS	20,450.00	20,000.00	9,929.00	2,164.00	10,071.00	49.65		
249-000-607-512	VERGENNES TWP MECHANICAL PERMITS	22,450.00	20,000.00	8,339.00	1,605.00	11,661.00	41.70		
249-000-607-516	VERGENNES TWP PLUMBING PERMITS	14,500.00	15,000.00	10,480.00	1,961.00	4,520.00	69.87		
249-000-607-517	VERGENNES TWP - PR	7,200.00	0.00	0.00	0.00	0.00	0.00		
249-000-607-520	ADA TWP BUILDING PERMITS	197,500.00	313,000.00	237,065.00	22,179.00	75,935.00	75.74		
249-000-607-521	ADA TWP PLUMBING PERMITS	45,000.00	50,000.00	20,937.00	2,419.00	29,063.00	41.87		
249-000-607-523	ADA TWP ELECTRICAL PERMITS	66,500.00	65,000.00	37,837.00	5,578.00	27,163.00	58.21		
249-000-607-524	ADA TWP MECHANICAL PERMITS	67,500.00	65,000.00	49,869.25	4,813.50	15,130.75	76.72		
249-000-607-525	ADA TWP - PR	24,500.00	0.00	0.00	0.00	0.00	0.00		
249-000-607-531	GR TWP BUILDING PERMITS	145,000.00	270,000.00	186,536.00	3,042.00	83,464.00	69.09		
249-000-607-532	GR TWP ELECTRICAL PERMITS	74,500.00	65,000.00	46,979.00	3,388.00	18,021.00	72.28		
249-000-607-533	GR TWP MECHANICAL PERMITS	98,000.00	85,000.00	66,480.50	8,257.50	18,519.50	78.21		
249-000-607-534	GR TWP PLUMBING PERMITS	56,600.00	48,000.00	34,703.00	3,126.00	13,297.00	72.30		
249-000-607-535	GRT - PR	22,000.00	0.00	0.00	0.00	0.00	0.00		
249-000-607-536	EAST GR BUILDING PERMITS	176,000.00	80,000.00	41,505.00	5,318.00	38,495.00	51.88		
249-000-607-537	EAST GR ELECTRICAL PERMITS	49,500.00	40,000.00	29,824.00	4,963.00	10,176.00	74.56		
249-000-607-538	EAST GR MECHANICAL PERMITS	63,500.00	50,000.00	34,736.00	5,295.00	15,264.00	69.47		
249-000-607-539	EAST GR PLUMBING PERMITS	32,600.00	29,000.00	17,240.00	1,642.00	11,760.00	59.45		
249-000-607-540	EGR - PR	11,000.00	0.00	0.00	0.00	0.00	0.00		
249-000-607-541	EAST GR-RENTAL INSP	4,400.00	4,500.00	0.00	0.00	4,500.00	0.00		
249-000-607-550	PLAINFIELD BUILDING PERMITS	268,000.00	253,000.00	230,645.00	17,631.00	22,355.00	91.16		
249-000-607-551	PLAINFIELD - ELECTRICAL PERMITS	99,400.00	105,000.00	58,700.00	7,742.00	46,300.00	55.90		
249-000-607-552	PLAINFIELD MECHANICAL PERMITS	150,000.00	130,000.00	76,409.95	12,155.00	53,590.05	58.78		
249-000-607-553	PLAINFIELD - PLUMBING PERMITS	86,000.00	75,000.00	31,671.00	7,072.00	43,329.00	42.23		
249-000-607-554	PLAINFIELD TWP- PR	23,400.00	0.00	0.00	0.00	0.00	0.00		
249-000-607-555	PLAINFIELD INSPECTION FEES -NP	3,000.00	0.00	0.00	0.00	0.00	0.00		
249-000-665-000	INTEREST REVENUE	47,139.00	46,000.00	45,629.41	4,380.04	370.59	99.19		
249-000-675-675	MISCELLANEOUS INCOME	2,100.00	2,000.00	1,400.00	140.00	600.00	70.00		
Total Revenue		2,902,589.00	2,787,500.00	2,238,045.81	247,978.14	549,454.19			
Dept 250 - BENEFITS/INSURANCE									
249-250-715-000	FICA-EMPLOYER	73,113.00	81,785.00	50,131.26	8,607.05	31,653.74	61.30		
249-250-716-000	DEFINED CONTRIBUTION PLAN	132,721.00	99,349.00	64,344.35	11,432.43	35,004.65	64.77		
249-250-717-000	WORKERS COMP INSURANCE	28,000.00	25,000.00	20,947.36	21,714.56	4,052.64	83.79		
249-250-718-000	VISION INSURANCE BENEFITS	1,727.00	1,857.00	975.05	0.00	881.95	52.51		
249-250-718-200	OTHER BENEFITS	18,200.00	19,500.00	18,000.00	0.00	1,500.00	92.31		
249-250-718-300	OTHER BENEFITS- PTO BUYBACK PROGRAI	6,000.00	6,000.00	0.00	0.00	6,000.00	0.00		
249-250-719-000	HEALTH INSURANCE BENEFITS	148,852.00	173,007.00	117,115.86	12,336.77	55,891.14	67.69		
249-250-719-100	OPT-OUT INSURANCE	4,000.00	4,000.00	2,000.00	0.00	2,000.00	50.00		
249-250-720-000	LIFE & DISABILITY INSURANCE	10,982.00	11,385.00	6,971.97	0.00	4,413.03	61.24		
249-250-721-000	DENTAL INSURANCE BENEFITS	12,516.00	15,146.00	11,068.26	1,208.37	4,077.74	73.08		
249-250-722-000	PENSION PLAN BENEFITS	45,168.00	55,000.00	17,467.91	2,183.49	37,532.09	31.76		
Net - Dept 250 - BENEFITS/INSURANCE		481,279.00	492,029.00	309,022.02	57,482.67	183,006.98			

Ag. 50

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	FORM (ABNORM)	MONTH 08/31/23	INCR (DECR)	FORM (ABNORM)	BALANCE	
Dept 371 - BUILDING DEPARTMENT									
249-371-702-000	WAGES- FULL TIME	778,838.00	869,722.00	560,839.45	101,069.14	308,882.55	64.48		
249-371-702-001	WAGES - DEPARTMENT HEAD	106,887.00	115,000.00	75,043.44	13,242.96	39,956.56	65.26		
249-371-704-000	WAGES- PART TIME	8,000.00	51,764.50	4,906.07	1,217.98	46,858.43	9.48		
249-371-707-000	WAGES- CASUAL	70,000.00	30,000.00	14,250.00	3,300.00	15,750.00	47.50		
249-371-723-000	MEMBERSHIPS AND DUES	5,000.00	6,000.00	1,945.00	120.00	4,055.00	32.42		
249-371-724-000	EDUCATION	8,000.00	10,000.00	4,053.98	125.00	5,946.02	40.54		
249-371-727-000	OFFICE SUPPLIES	11,000.00	12,000.00	4,058.95	232.45	7,941.05	33.82		
249-371-757-000	BOOKS	4,200.00	5,000.00	129.00	0.00	4,871.00	2.58		
249-371-768-000	DEPARTMENT UNIFORMS	4,200.00	0.00	0.00	0.00	0.00	0.00		
249-371-787-000	MISCELLANEOUS	1,500.00	1,500.00	375.12	0.00	1,124.88	25.01		
249-371-787-200	CREDIT CARD FEES	34,000.00	36,000.00	25,947.89	3,260.85	10,052.11	72.08		
249-371-807-000	AUDIT FEES & SERVICES	968.00	800.00	985.50	0.00	(185.50)	123.19		
249-371-810-000	LIABILITY INSURANCE	13,080.00	14,435.50	14,635.50	0.00	(200.00)	101.39		
249-371-821-000	BLDG ENGINEERING	1,500.00	1,500.00	0.00	0.00	1,500.00	0.00		
249-371-860-000	MILEAGE	68,000.00	72,000.00	51,170.70	6,819.93	20,829.30	71.07		
249-371-862-500	DEPT HEAD, SUPV EXPENSES	750.00	750.00	192.31	0.00	557.69	25.64		
249-371-923-000	HEATING/UTILITY	4,000.00	9,000.00	6,504.07	852.33	2,495.93	72.27		
249-371-924-000	PHONES	3,000.00	6,000.00	2,882.13	348.47	3,117.87	48.04		
249-371-924-100	CELL PHONES/DATA	11,000.00	12,000.00	7,394.25	895.69	4,605.75	61.62		
249-371-932-000	OFFICE EQUIP & COMPUTER REPAIR	7,800.00	12,000.00	7,969.00	0.00	4,031.00	66.41		
249-371-939-000	SERVICE CONTRACTS	18,413.00	70,000.00	21,785.49	4,248.66	48,214.51	31.12		
249-371-941-000	POSTAGE & MACHINE LEASE	1,000.00	1,000.00	450.00	0.00	550.00	45.00		
249-371-957-000	BLDG PHYSICAL EXAMS	750.00	750.00	0.00	0.00	750.00	0.00		
249-371-967-000	BLDG - SPECIAL PROJECTS-FURNITURE UP	15,000.00	30,000.00	15,496.02	0.00	14,503.98	51.65		
249-371-981-000	OFFICE EQUIPMENT	12,000.00	18,235.50	15,926.89	0.00	2,308.61	87.34		
Net - Dept 371 - BUILDING DEPARTMENT		1,188,886.00	1,385,457.50	836,940.76	135,733.46	548,516.74			
Dept 901 - CAPITAL OUTLAY									
249-901-975-000	CAPITAL OUTLAY - BLDGIMP	30,000.00	0.00	0.00	0.00	0.00	0.00		
Net - Dept 901 - CAPITAL OUTLAY		30,000.00	0.00	0.00	0.00	0.00			
Dept 955 - TRANSFERS IN									
249-955-699-249	TRANSFER FIRE INSPECTOR SHARE TO FIRI	0.00	176,000.00	0.00	0.00	176,000.00	0.00		
Net - Dept 955 - TRANSFERS IN		0.00	176,000.00	0.00	0.00	176,000.00			
Dept 964 - PAYMENTS TO OTHER TOWNSHIPS									
249-964-964-100	PERMITS DUE TO LOWELL TWP	34,000.00	33,400.00	11,924.00	2,001.40	21,476.00	35.70		
249-964-964-200	PERMITS DUE TO VERGENNES TWP	20,600.00	25,200.00	14,248.60	2,016.80	10,951.40	56.54		
249-964-964-300	PERMITS DUE TO GR TWP	100,670.00	93,600.00	66,939.70	3,562.70	26,660.30	71.52		
249-964-964-400	PERMITS DUE TO ADA TWP	85,200.00	98,600.00	69,141.65	6,997.90	29,458.35	70.12		
249-964-964-500	PERMITS DUE TO EAST GR	64,980.00	39,800.00	24,661.00	3,443.60	15,139.00	61.96		
249-964-964-600	PERMITS DUE PLAINFIELD	106,000.00	114,600.00	80,230.19	8,920.00	34,369.81	70.01		
249-964-964-800	PERMITS DUE CASCADE TWP	140,000.00	142,000.00	121,696.27	64,100.55	20,303.73	85.70		
Net - Dept 964 - PAYMENTS TO OTHER TOWNSHIPS		551,450.00	547,200.00	388,841.41	91,042.95	158,358.59			
Fund 249 - BUILDING FUND:									
TOTAL REVENUES		2,902,589.00	2,963,500.00	2,238,045.81	247,978.14	725,454.19	75.52		
TOTAL EXPENDITURES		2,251,615.00	2,424,686.50	1,534,804.19	284,259.08	889,882.31	63.30		
NET OF REVENUES & EXPENDITURES		650,974.00	538,813.50	703,241.62	(36,280.94)	(164,428.12)			

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 249 - BUILDING FUND			
249-000-001-111	-CASH-RECEIVING - FLAGSTAR	152,921.75	
249-000-001-510	MI CLASS CASH - POOL ACCOUNTS	424,072.03	
249-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	759,258.76	
249-000-003-001	CD - INDEPENDENT BANK M 6/19/21	337,109.88	
249-000-003-021	FNB OF MI M 3/11/24	558,974.90	
249-000-003-024	FIRST NATIONAL BANK OF AMERICA	660,438.28	
249-000-017-401	US TREASURY NOTES	928,595.79	
249-000-017-405	COMERICA SECURITIES # 148983	797,989.22	
249-000-202-000	ACCOUNTS PAYABLE		1,525.04
249-000-214-000	DUE TO OTHER FUNDS	1,525.04	
249-000-390-000	FUND BALANCE		3,916,118.99
249-000-607-100	BUILDING PERMITS		118,946.00
249-000-607-200	ELECTRICAL PERMITS		39,856.00
249-000-607-300	PLUMBING PERMITS		26,937.00
249-000-607-400	MECHANICAL PERMITS		53,350.35
249-000-607-483	CASCADE TWP BLDG COM PERMITS		260.00
249-000-607-484	CASCADE TWP BLDG RES PERMITS		419,694.00
249-000-607-485	CASCADE TWP ELECTRICAL PERMITS		77,443.00
249-000-607-486	CASCADE TWP MECHANICAL PERMITS		73,513.35
249-000-607-487	CASCADE TWP PLUMBING PERMITS		37,731.00
249-000-607-490	CASCADE TWP CONTRACTOR REG		7,560.00
249-000-607-500	LOWELL TWP BUILDING PERMITS		27,830.00
249-000-607-501	LOWELL TWP ELECTRICAL PERMITS		13,760.00
249-000-607-502	LOWELL TWP MECHANICAL PERMITS		12,235.00
249-000-607-503	LOWELL TWP PLUMBING PERMITS		5,795.00
249-000-607-510	VERGENNES TWP BUILDING PERMITS		46,220.00
249-000-607-511	VERGENNES TWP ELECTRICAL PERMITS		9,929.00
249-000-607-512	VERGENNES TWP MECHANICAL PERMITS		8,339.00
249-000-607-516	VERGENNES TWP PLUMBING PERMITS		10,480.00
249-000-607-520	ADA TWP BUILDING PERMITS		237,065.00
249-000-607-521	ADA TWP PLUMBING PERMITS		20,937.00
249-000-607-523	ADA TWP ELECTRICAL PERMITS		37,837.00
249-000-607-524	ADA TWP MECHANICAL PERMITS		49,869.25
249-000-607-531	GR TWP BUILDING PERMITS		186,536.00
249-000-607-532	GR TWP ELECTRICAL PERMITS		46,979.00
249-000-607-533	GR TWP MECHANICAL PERMITS		66,480.50
249-000-607-534	GR TWP PLUMBING PERMITS		34,703.00
249-000-607-536	EAST GR BUILDING PERMITS		41,505.00
249-000-607-537	EAST GR ELECTRICAL PERMITS		29,824.00
249-000-607-538	EAST GR MECHANICAL PERMITS		34,736.00
249-000-607-539	EAST GR PLUMBING PERMITS		17,240.00
249-000-607-550	PLAINFIELD BUILDING PERMITS		230,645.00
249-000-607-551	PLAINFIELD - ELECTRICAL PERMITS		58,700.00
249-000-607-552	PLAINFIELD MECHANICAL PERMITS		76,409.95
249-000-607-553	PLAINFIELD - PLUMBING PERMITS		31,671.00

Pg. 52

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
249-000-665-000	INTEREST REVENUE		45,629.41
249-000-675-675	MISCELLANEOUS INCOME		1,400.00
249-250-715-000	FICA-EMPLOYER	50,131.26	
249-250-716-000	DEFINED CONTRIBUTION PLAN	64,344.35	
249-250-717-000	WORKERS COMP INSURANCE	20,947.36	
249-250-718-000	VISION INSURANCE BENEFITS	975.05	
249-250-718-200	OTHER BENEFITS	18,000.00	
249-250-719-000	HEALTH INSURANCE BENEFITS	117,115.86	
249-250-719-100	OPT-OUT INSURANCE	2,000.00	
249-250-720-000	LIFE & DISABILITY INSURANCE	6,971.97	
249-250-721-000	DENTAL INSURANCE BENEFITS	11,068.26	
249-250-722-000	PENSION PLAN BENEFITS	17,467.91	
249-371-702-000	WAGES- FULL TIME	560,839.45	
249-371-702-001	WAGES - DEPARTMENT HEAD	75,043.44	
249-371-704-000	WAGES- PART TIME	4,906.07	
249-371-707-000	WAGES- CASUAL	14,250.00	
249-371-723-000	MEMBERSHIPS AND DUES	1,945.00	
249-371-724-000	EDUCATION	4,053.98	
249-371-727-000	OFFICE SUPPLIES	4,058.95	
249-371-757-000	BOOKS	129.00	
249-371-787-000	MISCELLANEOUS	375.12	
249-371-787-200	CREDIT CARD FEES	25,947.89	
249-371-807-000	AUDIT FEES & SERVICES	985.50	
249-371-810-000	LIABILITY INSURANCE	14,635.50	
249-371-860-000	MILEAGE	51,170.70	
249-371-862-500	DEPT HEAD, SUPV EXPENSES	192.31	
249-371-923-000	HEATING/UTILITY	6,504.07	
249-371-924-000	PHONES	2,882.13	
249-371-924-100	CELL PHONES/DATA	7,394.25	
249-371-932-000	OFFICE EQUIP & COMPUTER REPAIR	7,969.00	
249-371-939-000	SERVICE CONTRACTS	21,785.49	
249-371-941-000	POSTAGE & MACHINE LEASE	450.00	
249-371-967-000	BLDG - SPECIAL PROJECTS-FURNITURE UPDATE	15,496.02	
249-371-981-000	OFFICE EQUIPMENT	15,926.89	
249-964-964-100	PERMITS DUE TO LOWELL TWP	11,924.00	
249-964-964-200	PERMITS DUE TO VERGENNES TWP	14,248.60	
249-964-964-300	PERMITS DUE TO GR TWP	66,939.70	
249-964-964-400	PERMITS DUE TO ADA TWP	69,141.65	
249-964-964-500	PERMITS DUE TO EAST GR	24,661.00	
249-964-964-600	PERMITS DUE PLAINFIELD	80,230.19	
249-964-964-800	PERMITS DUE CASCADE TWP	121,696.27	
Total Fund 249 - BUILDING FUND		6,155,689.84	6,155,689.84

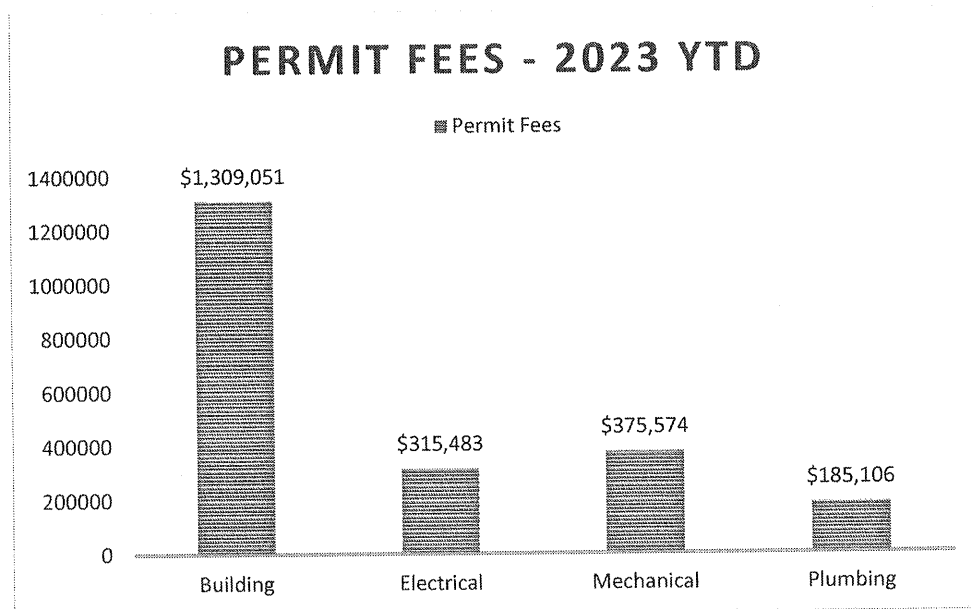
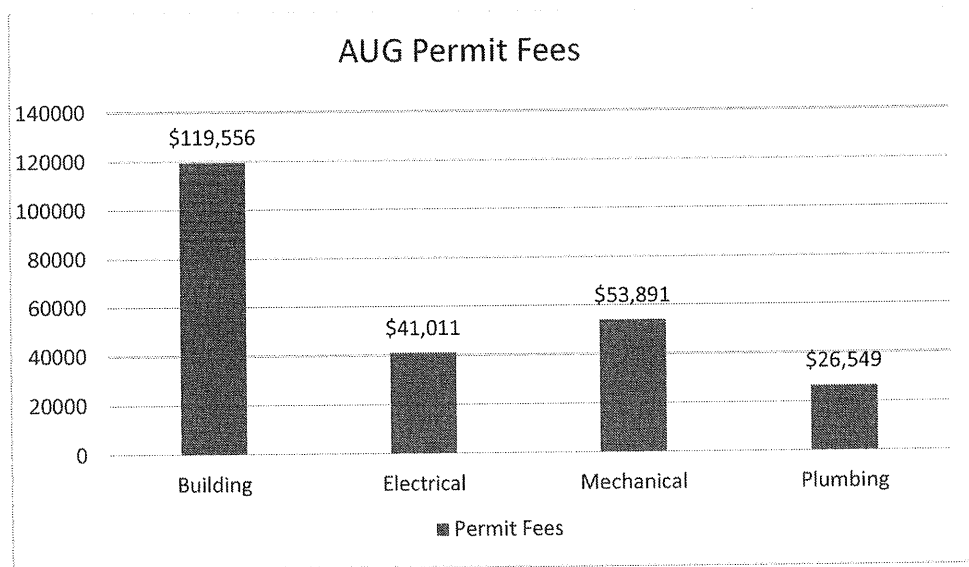
BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 249 - BUILDING FUND		
*** Assets ***		
249-000-001-111	-CASH-RECEIVING - FLAGSTAR	152,921.75
249-000-001-510	MI CLASS CASH - POOL ACCOUNTS	424,072.03
249-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	759,258.76
249-000-003-001	CD - INDEPENDENT BANK M 6/19/21	337,109.88
249-000-003-021	FNB OF MI M 3/11/24	558,974.90
249-000-003-024	FIRST NATIONAL BANK OF AMERICA	660,438.28
249-000-017-401	US TREASURY NOTES	928,595.79
249-000-017-405	COMERICA SECURITIES # 148983	797,989.22
	Total Assets	4,619,360.61
*** Liabilities ***		
249-000-202-000	ACCOUNTS PAYABLE	1,525.04
249-000-214-000	DUE TO OTHER FUNDS	(1,525.04)
	Total Liabilities	0.00
*** Fund Balance ***		
249-000-390-000	FUND BALANCE	3,916,118.99
	Total Fund Balance	3,916,118.99
	Beginning Fund Balance	3,916,118.99
	Net of Revenues VS Expenditures	703,241.62
	Ending Fund Balance	4,619,360.61
	Total Liabilities And Fund Balance	4,619,360.61

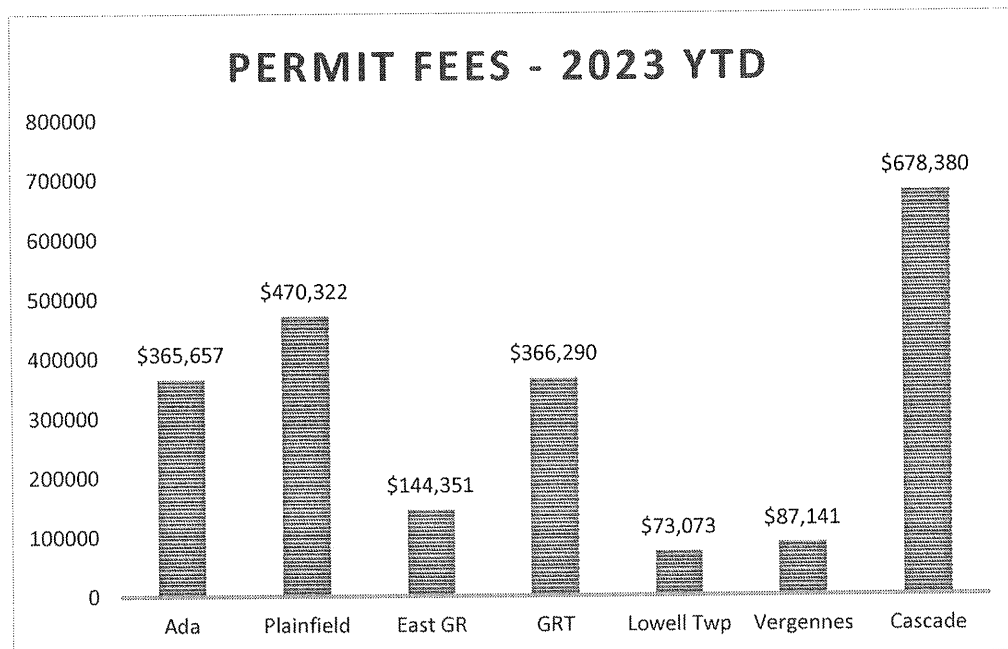
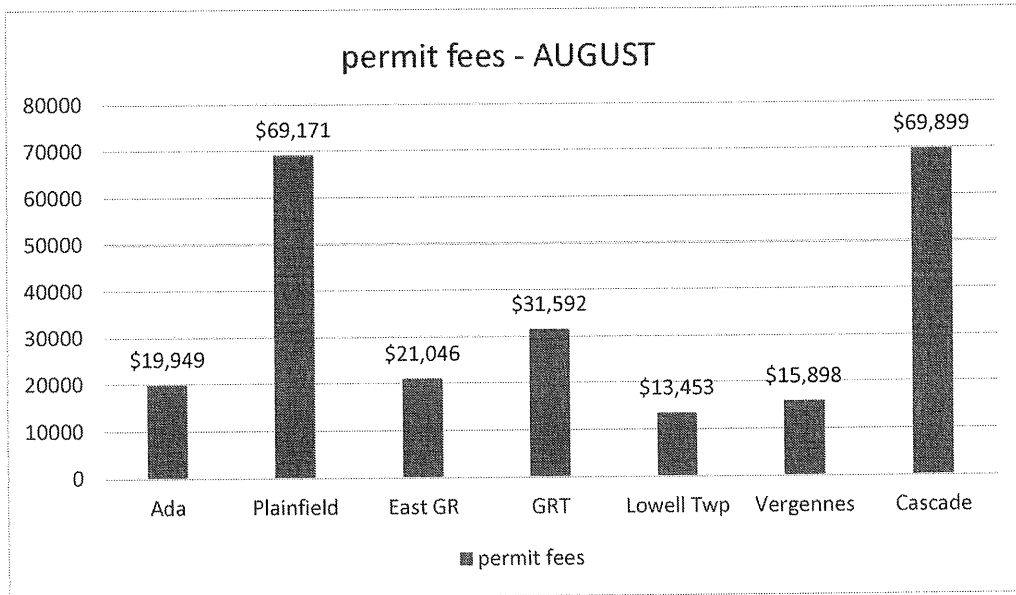
Cascade Inspection Services

AUGUST 2023

Permit Fees by Type



Permit Fees by Municipality



Township	#of Per Building	#of Per Electrical	# of Per Mechanical	# of Per Plumbing	Total Permits	Total Fees				
PREV YTD TOTAL	1542	\$1,189,495.00	1251	\$274,472.00	2099	\$321,683.05	955	\$158,557.00	5847	\$1,944,207.05
AUG										
Cascade	54	\$ 44,600.00	45	\$ 8,102.00	73	\$ 10,318.00	67	\$ 6,879.00	239	\$ 69,899.00
Lowell Twp	15	\$ 7,983.00	9	\$ 2,446.00	13	\$ 2,070.00	5	\$ 954.00	42	\$ 13,453.00
Ada	35	\$ 8,550.00	23	\$ 3,435.00	42	\$ 6,095.00	13	\$ 1,869.00	113	\$ 19,949.00
Vergennes	13	\$ 8,644.00	12	\$ 2,866.00	12	\$ 2,105.00	8	\$ 2,283.00	45	\$ 15,898.00
GR Twp	34	\$ 7,483.00	25	\$ 10,331.00	61	\$ 11,359.75	18	\$ 2,418.00	138	\$ 31,591.75
EGR	33	\$ 6,555.00	28	\$ 4,488.00	53	\$ 7,167.60	21	\$ 2,835.00	135	\$ 21,045.60
Plainfield	69	\$ 35,741.00	53	\$ 9,343.00	96	\$ 14,775.75	76	\$ 9,311.00	294	\$ 69,170.75
MONTH TOTAL	253	\$ 119,556.00	195	\$ 41,011.00	350	\$ 53,891.10	208	\$ 26,549.00	1006	\$241,007.10

YTD - 2023	1795	\$ 1,309,051.00	1446	\$ 315,483.00	2449	\$ 375,574.15	1163	\$ 185,106.00	6853	\$ 2,185,214.15
TOTAL -2022	2778	\$ 1,696,765.75	2417	\$ 485,983.96	4161	\$ 614,655.90	1829	\$ 323,360.00	11185	\$ 3,120,765.61
TOTAL -2021	1974	\$ 765,878.00	2429	\$ 434,571.60	4018	\$ 509,156.00	1818	\$ 257,436.00	10239	\$ 1,967,041.60
TOTAL -2020	1628	\$ 803,244.00	2017	\$ 307,137.85	3410	\$ 403,536.80	1616	\$ 212,701.00	8671	\$ 1,726,619.65
TOTAL -2019	1675	\$ 631,143.50	2288	\$ 347,205.00	3478	\$ 406,781.95	1469	\$ 206,608.00	8910	\$ 1,591,688.45
TOTAL -2018	1705	\$ 920,876.00	2116	\$ 380,754.00	3585	\$ 456,603.00	1654	\$ 238,664.00	9060	\$ 1,996,897.00
TOTAL -2017	1758	\$ 753,389.00	2210	\$ 376,979.00	3273	\$ 412,867.25	1485	\$ 219,324.00	8726	\$ 1,762,559.25
TOTAL -2016	1475	\$ 529,552.24	1992	\$ 310,463.00	3217	\$ 383,718.00	1404	\$ 190,762.00	8088	\$ 1,414,495.24
TOTAL -2015	1510	\$ 665,025.51	1948	\$ 327,865.00	3070	\$ 385,822.30	1361	\$ 216,089.00	7889	\$ 1,594,801.81
TOTAL -2014	1354	\$ 615,191.80	1780	\$ 297,971.00	2860	\$ 359,989.90	1257	\$ 196,553.00	7251	\$ 1,469,705.70
TOTAL -2013	1241	\$ 644,712.00	1667	\$ 288,442.06	2583	\$ 334,045.70	969	\$ 142,474.00	6460	\$ 1,409,673.76
TOTAL -2012	1,122	\$ 511,272.00	1,349	\$ 188,766.99	2,134	\$ 247,625.30	835	\$ 118,335.00	5,440	\$ 1,065,999.29
TOTAL -2011	949	\$ 410,550.75	990	\$ 148,549.50	1585	\$ 189,180.10	753	\$ 111,023.00	4277	\$ 859,303.35
TOTAL -2010	850	\$ 309,779.00	1330	\$ 162,994.00	1644	\$ 188,927.25	625	\$ 94,790.00	4449	\$ 756,490.25
TOTAL -2009	712	\$ 222,039.00	875	\$ 125,848.00	1313	\$ 149,101.75	554	\$ 74,397.00	3463	\$ 571,382.75
TOTAL -2008	848	\$ 582,100.75	1043	\$ 147,674.00	1348	\$ 164,271.30	697	\$ 91,695.00	3933	\$ 951,266.55
TOTAL -2007	1032	\$ 336,749.55	1069	\$ 137,857.00	1447	\$ 151,002.60	778	\$ 98,270.00	4326	\$ 723,879.15
TOTAL -2006	1181	\$ 481,673.30	1547	\$ 215,121.00	2147	\$ 243,076.90	1243	\$ 162,020.00	5173	\$ 940,523.41
TOTAL -2005	1032	\$ 419,355.30	1369	\$ 191,694.00	1874	\$ 211,234.15	1111	\$ 144,926.00	5386	\$ 967,209.45

	JAN	FEB	MARCH	APR	MAY	JUNE	JULY	AUGUST	SEPT	OCT	NOV	DEC	TOTAL
Township							2023						
Ada Twp	\$24,211.00	\$24,785.00	\$182,758.00	\$26,118.50	\$31,347.00	\$21,499.25	\$34,989.50	\$19,949.00					365,657.25
Permit Fees													-
Special Insp													-
Ada Total	\$24,211.00	\$24,785.00	\$182,758.00	\$26,118.50	\$31,347.00	\$21,499.25	\$34,989.50	\$19,949.00					365,657.25
Plainfield	\$52,706.25	\$36,540.00	\$81,445.00	\$54,209.75	\$70,032.25	\$61,617.70	\$44,600.00	\$69,170.75					\$470,321.70
Permit Fees													-
Special Insp													-
Plainfield Total	\$52,706.25	\$36,540.00	\$81,445.00	\$54,209.75	\$70,032.25	\$61,617.70	\$44,600.00	\$69,170.75					470,321.70
East Gr	\$21,845.00	\$17,861.00	\$17,422.00	\$19,224.00	\$14,541.00	\$15,194.00	\$17,218.00	\$21,045.60					144,350.60
Permit Fees													-
Special Insp													-
East Gr Tot	\$21,845.00	\$17,861.00	\$17,422.00	\$19,224.00	\$14,541.00	\$15,194.00	\$17,218.00	\$21,045.60					144,350.60
GR Twp	\$37,532.00	\$25,961.00	\$155,716.25	\$42,395.75	\$31,620.00	\$23,660.00	\$17,813.50	\$31,591.75					366,290.25
Permit Fees													-
Special Insp													-
GR Twp tot	\$37,532.00	\$25,961.00	\$155,716.25	\$42,395.75	\$31,620.00	\$23,660.00	\$17,813.50	\$31,591.75					366,290.25
Lowell Twp	\$5,908.00	\$6,658.00	\$6,929.00	\$8,827.00	\$10,429.00	\$10,862.00	\$10,007.00	\$13,453.00					73,073.00
Permit Fees													-
Special Insp													-
Lowell Tot	\$5,908.00	\$6,658.00	\$6,929.00	\$8,827.00	\$10,429.00	\$10,862.00	\$10,007.00	\$13,453.00					73,073.00
Vergennes	\$3,564.00	\$7,427.00	\$9,919.00	\$7,800.00	\$18,130.00	\$14,319.00	\$10,084.00	\$15,898.00					87,141.00
Permit Fees													-
Special Insp													-
Verg Total	\$3,564.00	\$7,427.00	\$9,919.00	\$7,800.00	\$18,130.00	\$14,319.00	\$10,084.00	\$15,898.00					87,141.00
Permit Fees													-
Special Insp													-
Subtotal	\$145,766.25	\$119,232.00	\$454,189.25	\$158,575.00	\$176,099.25	\$147,151.95	\$134,712.00	\$171,108.10					1,506,833.80
Cascade	\$35,686.50	\$34,707.25	\$64,136.50	\$49,612.65	\$40,357.00	\$69,578.50	\$320,502.75	\$69,899.00					678,380.35
Total w/ Cas	\$181,352.75	\$153,939.25	\$518,325.75	\$208,187.65	\$216,456.25	\$210,730.45	\$455,214.75	\$241,007.10					2,185,214.15
			2023 YTD			2022 YTD							DIFFERENCE
								2,171,955					\$13,259.29
GRAND TOTAL PERMIT FEE CHART													

CASCADE CONSOLIDATED FEES

YEAR 2023

MONTH	Building Comm.	Building Residential	Electrical	Mechanical	Plumbing	TOTAL
JANUARY	\$8,106.00	\$4,452.00	\$9,114.00	\$9,638.50	\$4,276.00	\$35,586.50
FEBRUARY	\$6,332.00	\$7,166.00	\$7,190.00	\$8,815.25	\$5,204.00	\$34,707.25
MARCH	\$17,660.00	\$9,416.00	\$21,793.00	\$10,128.50	\$5,139.00	\$64,136.50
APRIL	\$1,844.00	\$16,659.00	\$13,404.00	\$10,704.85	\$7,001.00	\$49,612.85
MAY	\$2,123.00	\$7,240.00	\$8,676.00	\$16,079.00	\$6,239.00	\$40,357.00
JUNE	\$20,610.00	\$15,716.00	\$10,710.00	\$10,269.50	\$6,273.00	\$63,578.50
JULY	\$293,833.00	\$8,537.00	\$6,556.00	\$7,977.75	\$3,599.00	\$320,502.75
AUGUST	\$36,016.00	\$8,584.00	\$8,102.00	\$10,318.00	\$6,879.00	\$69,899.00
SEPTEMBER						
OCTOBER						
NOVEMBER						
DECEMBER						
YEAR END TOTAL	\$386,524.00	\$77,770.00	\$85,545.00	\$83,931.35	\$44,610.00	\$678,380.35
PERMIT # FOR MONTH	12	42	45	73	67	239
PREV PERMIT TOTAL	56	312	292	442	268	1370
PERMIT TOTAL FOR YR	68	354	337	515	335	1609
YEAR TO DATE	2023	\$678,380.35				
YEAR TO DATE	2022	\$517,761.00				
OVER	\$160,619.35					

CASCADE SINGLE FAMILY HOMES

	AUG	YTD 2023	2022	2021	2020
Number of Permits					
New Residential Homes	1	13	49	69	55
VALUE - RESIDENTIAL	\$ 400,000.00	\$ 29,750,494.00	\$ 35,750,549.00	\$ 36,003,102.00	\$ 36,322,102.00

Printed: 09/06/2023

Cascade Twp -Permit Report by Category/ Fe

1/1/2023 12:00:00 to 8/31/2023 12:00:00

Permit	Applicant	Address	Issue Date	Project Value	Permit Fee
Res. Single Family					
PB23001559	ADVANCED BUILDING	5320 MCCORDS AVE SE	08/08/2023	400,000	1,168.00
				400,000	1,168.00
1	Permits	Value Total		400,000	1,168



Cascade Charter Township Seminar/Conference Attendance Request Form

This form must be filled out if the employee is requesting Township payment or reimbursement for the employee's attendance to a seminar or conference.

Conditions:

1. Cascade Charter Township will reimburse employees for approved registration for work related seminars and conferences. Individual seminars and conferences must be related to the employee's current job duties or a foreseeable-future position in the organization in order to be eligible for
2. Some seminars/conferences that an employee may attend may be unrelated to their particular job or government in general, and are therefore not covered by this assistance policy.
3. Any request that requires an overnight stay or expenditure over \$1,000 requires Township Board approval before the seminar/conference is attended.
4. Under extenuating circumstances, the Township Manager may approve an overnight stay or expenditure over \$1,000 for a conference or seminar prior to Township Board approval. The request must be made before attendance to a seminar/conference. The Township Board will be informed of request at their next scheduled meeting.

This form must be completed by the employee and approved by the Township Manager and/or Township Board before the seminar/conference is attended.

Name: David Linforth Application Date: June 8th 2023

Name of Proposed Seminar/Conference: Fire Inspector I

Seminar/Conference Date(s): Oct 30- Nov 20. Mon/Tue 8a-5p

Location of Seminar/Conference: Brighton

Description of Seminar/Conference: *(may also be attached)*

Class for Fire Inspector I, NFPA + local fire codes, regulations and procedures to inspect buildings for life safety.

How will the Seminar/Conference benefit the employee and the township?

Will help township & fire department stay on top of the many, many businesses we have & need to inspect yearly.

Cost of the Seminar/Conference:

Registration \$ 1,025.00

Lodging \$ \$1,000.00

Travel \$ Staff Car 0

Account # _____

Applicant:  Signature

Approvals:

Department Head:  Signature

6-19-23 Date

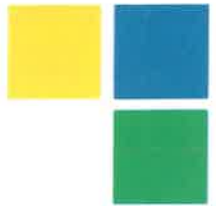
Township Manager:  Signature

8/21/23 Date

Clerk: _____
(Signature Indicates Township Board Approval)

_____ Date

- Original to Personnel File
- 1 Copy to Applicant
- 1 Copy to Accounting



NFPA CERTIFIED FIRE INSPECTOR I (CFI-I) CLASS

The NFPA CFI-I class is scheduled for 10-days (80 hours) of instruction for five modules. Class schedule may be (a) two days a week for a total of five weeks or (b) five days a week for two weeks.

Cost of class: \$1,025 per student

Class fee includes:

- Classroom instruction
- Require textbooks including NFPA Bundle and IFSTA manual
- Printed Student Workbook including presentation slides, activity worksheets (electronic version available)
- NFPA CFI-I Candidate Handbook
- NFPA CFI-I Practicum Manual
- One year of MFIS membership

Not included in fee:

- NFPA CFI-I Examination
- Lunch or breaks

MFIS is no longer offering written exams. NFPA offers a computer-based format for Certified Fire Inspector I (CFI-I), Certified Fire Plan Examiner (CFPE), and Certified Fire Inspector II (CFI-II) exams which are available at testing centers around the world. To locate a computer-based testing center near you, visit the [test center website](#).

The following link offers a brief tutorial about NFPA Certification and Testing: [TUTORIAL](#)

Questions:

Tammi Connell, administrator@mfis.org, 517.899.1304

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

***NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.**

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		WENDED BUDGET	WENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 101 - GENERAL FUND							
Revenue							
101-000-401-401	GENERAL PROPERTY TAXES	1,517,478.08	1,606,382.00	1,606,367.79	0.00	14.21	100.00
101-000-401-405	STREETLIGHT	81,000.00	72,300.00	72,032.16	0.00	267.84	99.63
101-000-401-410	PERSONAL PROPERTY TAX	97,406.37	96,676.00	91,152.63	0.00	5,523.37	94.29
101-000-401-420	DELINQUENT TAXES	5,000.00	5,000.00	3,911.08	0.00	1,088.92	78.22
101-000-401-437	ABATEMENT TAXES	14,699.91	15,048.00	15,047.90	0.00	0.10	100.00
101-000-401-445	INTEREST & PENALTIES ON TAXES	5,000.00	5,000.00	2,522.61	0.00	2,477.39	50.45
101-000-401-447	TAX ADMINISTRATION FEES	645,000.00	685,000.00	368,695.19	132,571.20	316,304.81	53.82
101-000-477-460	CABLE REVENUE	324,000.00	330,800.00	92,272.93	2,272.08	238,527.07	27.89
101-000-477-465	CABLE - PEG FEES	66,000.00	66,800.00	18,907.41	0.00	47,892.59	28.30
101-000-479-000	OTHER PERMITS	200.00	1,200.00	965.00	0.00	235.00	80.42
101-000-493-000	DOG LICENSES	150.00	100.00	23.20	0.00	76.80	23.20
101-000-495-000	LIQUOR LICENSE	39,940.00	36,000.00	27.50	0.00	35,972.50	0.08
101-000-539-576	STATE SHARED REV.-SALES TAX	2,488,999.00	2,112,315.00	1,396,187.00	344,837.00	716,128.00	66.10
101-000-539-579	ELECTION REIMBURSEMENTS	0.00	0.00	8,404.28	8,404.28	(8,404.28)	100.00
101-000-539-581	METRO ACT	22,000.00	23,900.00	14,540.56	0.00	9,359.44	60.84
101-000-573-000	LOCAL COMMUNITY STABILIZATION AUTI-	78,731.10	92,485.89	92,485.89	0.00	0.00	100.00
101-000-600-608	PLANNING AND ZONING FEES	25,000.00	25,000.00	6,780.00	880.00	18,220.00	27.12
101-000-600-610	SUMMER TAX COLLECTION FEE	26,500.00	26,500.00	0.00	0.00	26,500.00	0.00
101-000-600-611	SEWER & WATER IMPLEMENTATION	40,000.00	21,000.00	0.00	0.00	21,000.00	0.00
101-000-600-614	PA 198 TAX APPLICATION FEE	2,000.00	2,000.00	0.00	0.00	2,000.00	0.00
101-000-600-626	PASSPORT APPLICATION FEE	10,500.00	12,500.00	10,570.00	980.00	1,930.00	84.56
101-000-600-634	CEMETERY-OPENINGS AND CLOSINGS	18,000.00	25,000.00	18,645.00	2,600.00	6,355.00	74.58
101-000-600-647	YARD WASTE TAG FEE	1,000.00	1,000.00	0.00	0.00	1,000.00	0.00
101-000-665-000	INTEREST ON INVESTMENTS	86,500.00	152,000.00	163,617.09	18,109.97	(11,617.09)	107.64
101-000-667-002	DAM LEASE PAYMENTS	70,000.00	70,000.00	17,500.00	0.00	52,500.00	25.00
101-000-667-003	RENTAL OF FACILITIES	600.00	800.00	380.00	75.00	420.00	47.50
101-000-667-004	CELLULAR TOWERS	109,000.00	112,500.00	86,493.27	5,853.26	26,006.73	76.88
101-000-667-014	CELL TOWER - KEPS ANTENA LEASE	1,800.00	1,800.00	675.00	0.00	1,125.00	37.50
101-000-673-000	SALE OF ASSETS	2,500.00	2,500.00	0.00	0.00	2,500.00	0.00
101-000-674-000	4TH OF JULY SPONSORS	20,000.00	20,000.00	14,200.00	0.00	5,800.00	71.00
101-000-674-200	PARK DONATIONS	2,200.00	2,000.00	2,470.00	0.00	(470.00)	123.50
101-000-675-675	MISCELLANEOUS INCOME	22,000.00	5,500.00	4,106.51	(19,545.42)	1,393.49	74.66
101-000-675-680	MISC INCOME - TRANSIT TICKETS	500.00	500.00	210.00	0.00	290.00	42.00
101-000-676-000	ELECTION REIMBURSEMENT	0.00	5,000.00	3,335.65	0.00	1,664.35	66.71
101-000-676-100	REIMBURSEMENTS/REFUNDS	0.00	600.00	468.00	0.00	132.00	78.00
101-000-677-000	DDA CONTRIBUTION	98,077.00	102,000.00	0.00	0.00	102,000.00	0.00
101-000-679-000	INTERFUND REIMBURSE/BLDG INSPECTIO	130,000.00	122,000.00	134,844.47	64,100.55	(12,844.47)	110.53
101-000-679-100	REIMBURSEMENT FROM PATHWAYS	50,974.00	53,000.00	0.00	0.00	53,000.00	0.00
101-000-679-200	REIMBURSEMENT FROM LIBRARY	38,231.00	39,754.00	0.00	0.00	39,754.00	0.00
101-000-679-300	REIMBURSEMENT FOR ENGINEERING	0.00	40,000.00	0.00	0.00	40,000.00	0.00
101-000-681-000	PARK INCOME	8,400.00	8,400.00	5,415.00	135.00	2,985.00	64.46
101-000-699-100	TRANSFER FROM POLICE	(103,360.00)	0.00	0.00	0.00	0.00	0.00
Total Revenue		6,046,026.46	6,000,360.89	4,253,253.12	561,272.92	1,747,107.77	
Dept 101 - TOWNSHIP BOARD							
101-101-704-000	WAGES- TRUSTEES (4)	42,183.00	44,950.00	26,451.48	3,745.84	18,498.52	58.85
101-101-704-001	WAGES - TOWNSHIP SUPERVISOR	0.00	24,973.00	14,695.25	2,081.02	10,277.75	58.84
101-101-704-002	WAGES - TOWNSHIP CLERK	0.00	19,997.00	11,756.16	1,664.81	8,240.84	58.79
101-101-704-003	WAGES - TOWNSHIP TREASURER	0.00	19,997.00	8,426.54	1,664.81	11,570.46	42.14
101-101-723-000	TOWNSHIP DUES	19,350.00	22,750.00	11,926.80	299.00	10,823.20	52.43
101-101-723-001	ELECTED OFFICIAL MEMBERSHIPS AND DL	0.00	400.00	50.00	0.00	350.00	12.50
101-101-724-000	EDUCATION	2,000.00	6,000.00	1,349.78	0.00	4,650.22	22.50
101-101-860-000	TOWNSHIP BOARD MILEAGE	250.00	2,500.00	660.28	0.00	1,839.72	26.41
101-101-862-500	TOWNSHIP BOARD EXPENSE ACCOUNT	500.00	2,500.00	1,328.20	213.13	1,171.80	53.13
101-101-924-100	TOWNSHIP BOARD CELL PHONES/DATA	1,200.00	3,300.00	2,891.44	195.47	408.56	87.62
101-101-967-000	SPECIAL PROJECTS - STRATEGIC PLAN	0.00	18,000.00	7,660.00	2,092.50	10,340.00	42.56
101-101-981-000	OFFICE EQUIPMENT	1,000.00	5,300.00	1,232.00	0.00	4,068.00	23.25
Net - Dept 101 - TOWNSHIP BOARD		66,483.00	170,667.00	88,427.93	11,956.58	82,239.07	

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	FORM (ABNORM)	MONTH 08/31/23	FORM (ABNORM)	BALANCE		
Dept 171 - SUPERVISOR									
101-171-702-000	WAGES- FULL TIME	50,767.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-702-001	WAGES - DEPARTMENT HEAD	140,922.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-704-000	WAGES- TOWNSHIP SUPERVISOR	23,435.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-707-100	ADDITIONAL HELP/OT	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-723-000	SUPERVISOR MEMBERSHIPS AND DUES	3,050.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-724-000	EDUCATION	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-860-000	SUPERVISOR MILEAGE	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-862-500	SUPERVISOR EXPENSE ACCOUNT	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-862-550	MANAGER EXPENSE ACCOUNT	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-901-000	SUPERVISOR PUBLICATIONS	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-925-000	CELL PHONE/ DATA	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-967-000	SPECIAL PROJECTS	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-171-981-000	OFFICE EQUIPMENT	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net - Dept 171 - SUPERVISOR		244,074.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dept 215 - CLERK									
101-215-702-000	WAGES- FULL TIME	57,748.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-215-704-000	WAGES- CLERK	18,748.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-215-723-000	CLERK MEMBERSHIPS AND DUES	800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-215-724-000	EDUCATION	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-215-768-000	UNIFORMS	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-215-860-000	CLERK MILEAGE	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-215-862-500	CLERK'S EXPENSE ACCOUNT	500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-215-925-000	CELL PHONE/ DATA	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101-215-981-000	OFFICE EQUIPMENT	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Net - Dept 215 - CLERK		87,896.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dept 225 - ADMINISTRATIVE									
101-225-702-000	WAGES- FULL TIME	144,006.00	393,150.00	288,459.52	68,538.07	104,690.48	73.37		
101-225-702-001	WAGES - DEPARTMENT HEAD	0.00	146,560.00	70,987.95	0.00	75,572.05	48.44		
101-225-702-713	OVERTIME	5,000.00	2,000.00	0.00	0.00	2,000.00	0.00		
101-225-704-000	WAGES- PART TIME	45,864.00	50,425.00	33,165.50	5,947.81	17,259.50	65.77		
101-225-707-000	WAGES- CASUAL	5,000.00	10,000.00	0.00	0.00	10,000.00	0.00		
101-225-723-000	MEMBERSHIP AND DUES	710.00	4,310.00	2,693.00	190.00	1,617.00	62.48		
101-225-724-000	EDUCATION	6,000.00	19,850.00	5,128.77	399.00	14,721.23	25.84		
101-225-726-000	EMPLOYEE TRAINING	10,000.00	10,000.00	1,146.07	0.00	8,853.93	11.46		
101-225-727-000	OFFICE SUPPLIES	15,000.00	15,000.00	7,571.04	460.60	7,428.96	50.47		
101-225-730-000	POSTAGE	19,000.00	16,000.00	8,036.25	0.00	7,963.75	50.23		
101-225-787-000	MISCELLANEOUS	15,000.00	16,800.00	12,238.51	1,140.90	4,561.49	72.85		
101-225-807-000	AUDIT FEES & SERVICES	15,480.00	15,480.00	15,768.00	0.00	(288.00)	101.86		
101-225-810-000	LIABILITY INSURANCE	26,160.00	29,271.00	29,271.00	0.00	0.00	100.00		
101-225-814-000	TAX/ASSESSING ADMIN COSTS	22,000.00	22,000.00	6,417.20	0.00	15,582.80	29.17		
101-225-815-000	COMPUTER COSTS-ISP	5,500.00	5,500.00	2,719.48	200.00	2,780.52	49.45		
101-225-815-100	COMPUTER COSTS-WEB SITE	6,000.00	6,000.00	0.00	0.00	6,000.00	0.00		
101-225-816-000	INSECT/WEED CONTROL	39,500.00	59,500.00	34,760.40	0.00	24,739.60	58.42		
101-225-821-000	ENGINEERING COSTS	35,000.00	15,000.00	2,945.50	1,206.50	12,054.50	19.64		
101-225-826-000	LEGAL FEES	125,000.00	75,000.00	84,537.50	33,500.00	(9,537.50)	112.72		
101-225-860-000	ADMINISTRATIVE MILEAGE	500.00	5,600.00	863.64	0.00	4,736.36	15.42		
101-225-862-500	EXPENSE ACCOUNT	0.00	1,000.00	62.54	0.00	937.46	6.25		
101-225-881-000	FOURTH OF JULY	50,000.00	55,000.00	53,687.17	0.00	1,312.83	97.61		
101-225-881-200	HALLOWEEN	2,500.00	2,000.00	0.00	0.00	2,000.00	0.00		
101-225-881-300	KDL MUSIC PROGRAMING	3,500.00	0.00	0.00	0.00	0.00	0.00		
101-225-881-400	HERITAGE DAY FESTIVAL	15,500.00	15,000.00	4,424.32	3,700.00	10,575.68	29.50		
101-225-882-000	SENIOR CITIZENS	2,000.00	2,000.00	0.00	0.00	2,000.00	0.00		
101-225-885-000	NEWSLETTER	22,800.00	24,800.00	11,970.47	0.00	12,829.53	48.27		
101-225-900-000	PRINTING/PUBLISHING	12,000.00	14,900.00	11,916.95	0.00	2,983.05	79.98		
101-225-901-000	PUBLICATIONS	0.00	1,000.00	454.56	0.00	545.44	45.46		
101-225-924-100	CELL PHONES/DATA	1,800.00	3,600.00	5,100.66	298.45	(1,500.66)	141.69		
101-225-939-000	SERVICE CONTRACTS	17,000.00	32,600.00	8,096.95	379.78	24,503.05	24.84		
101-225-941-000	POSTAGE MACHINE LEASE	2,800.00	2,000.00	979.50	0.00	1,020.50	48.98		
101-225-952-100	KENT COUNTY AERIAL PHOTO	0.00	2,600.00	2,527.54	0.00	72.46	97.21		
101-225-955-000	CABLE EQUIPMENT GRANTS	35,000.00	35,000.00	35,000.00	0.00	0.00	100.00		
101-225-955-100	TRANSFERS IN	3,000.00	3,000.00	0.00	0.00	3,000.00	0.00		

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	YTD BALANCE	MONTH 08/31/23	FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
101-225-955-952	REGIS	60,531.25	42,000.00	0.00	0.00	42,000.00	0.00	0.00	
101-225-955-954	NPDES PHASE II	10,500.00	12,000.00	0.00	0.00	12,000.00	0.00	0.00	
101-225-955-955	COMMUNITY MEDIA CENTER	5,000.00	5,000.00	5,000.00	0.00	0.00	0.00	100.00	
101-225-956-000	RIGHT PLACE PROGRAM	9,000.00	9,000.00	9,000.00	0.00	0.00	0.00	100.00	
101-225-957-000	GENERAL FUND PHYSICAL EXAMS	2,000.00	1,000.00	222.00	0.00	778.00	0.00	22.20	
101-225-964-100	PROPERTY TAX REFUNDS	2,500.00	2,500.00	531.30	78.26	1,968.70	0.00	21.25	
101-225-967-000	SPECIAL PROJECTS - COMMUNICATIONS CI	84,000.00	84,000.00	49,515.56	72.50	34,484.44	0.00	58.95	
101-225-967-001	SPECIAL PROJECTS - BSA CLOUD IMPLIMEI	0.00	40,000.00	0.00	0.00	40,000.00	0.00	0.00	
101-225-981-000	OFFICE EQUIPMENT	9,600.00	13,800.00	11,584.24	85.00	2,215.76	0.00	83.94	
Net - Dept 225 - ADMINISTRATIVE		891,751.25	1,321,246.00	816,783.09	116,196.87	504,462.91			
Dept 250 - BENEFITS/INSURANCE									
101-250-715-000	FICA-EMPLOYER	128,055.00	142,776.00	84,286.09	14,476.45	58,489.91	0.00	59.03	
101-250-716-000	DEFINED CONTRIBUTION PLAN	124,821.00	142,952.00	63,042.70	5,045.86	79,909.30	0.00	44.10	
101-250-717-000	WORKERS COMP INSURANCE	55,000.00	50,000.00	43,544.24	45,043.04	6,455.76	0.00	87.09	
101-250-718-000	VISION INSURANCE BENEFITS	2,563.00	2,461.00	1,265.05	0.00	1,195.95	0.00	51.40	
101-250-718-200	OTHER BENEFITS	40,600.00	43,500.00	37,500.00	0.00	6,000.00	0.00	86.21	
101-250-718-300	OTHER BENEFITS- PTO BUYBACK PROGRAI	20,000.00	15,000.00	0.00	0.00	15,000.00	0.00	0.00	
101-250-719-000	HEALTH INSURANCE BENEFITS	255,751.00	240,457.00	156,201.56	11,411.49	84,255.44	0.00	64.96	
101-250-719-100	OPT-OUT INSURANCE	4,000.00	8,000.00	0.00	0.00	8,000.00	0.00	0.00	
101-250-720-000	LIFE & DIS INSURANCE BENEFITS	16,100.00	20,804.00	9,239.73	0.00	11,564.27	0.00	44.41	
101-250-721-000	DENTAL INSURANCE BENEFITS	20,994.00	20,804.00	11,716.73	1,105.73	9,087.27	0.00	56.32	
101-250-722-000	PENSION PLAN BENEFITS	98,500.00	85,000.00	88,310.04	11,038.75	(3,310.04)	0.00	103.89	
Net - Dept 250 - BENEFITS/INSURANCE		766,384.00	771,754.00	495,106.14	88,121.32	276,647.86			
Dept 253 - TREASURER									
101-253-702-000	WAGES- FULL TIME	119,828.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-704-000	WAGES- TREASURER	18,748.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-707-000	WAGES- CASUAL	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-707-100	ADDITIONAL HELP/OVERTIME	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-723-000	TREASURER MEMBERSHIPS AND DUES	650.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-724-000	EDUCATION	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-860-000	TREASURER MILEAGE	750.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-862-500	TREASURER'S EXPENSE ACCOUNT	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-924-100	TREASURER'S CELL PHONES/DATA	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-939-000	TREASURER SERVICE CONTRACTS	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-253-981-000	OFFICE EQUIPMENT	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
Net - Dept 253 - TREASURER		157,276.00	0.00	0.00	0.00	0.00	0.00	0.00	
Dept 257 - ASSESSING									
101-257-702-000	WAGES- FULL TIME	131,470.00	140,015.00	91,547.72	16,155.48	48,467.28	0.00	65.38	
101-257-702-001	WAGES- DEPARTMENT HEAD	92,352.00	111,147.00	72,672.79	12,824.61	38,474.21	0.00	65.38	
101-257-707-000	WAGES- CASUAL	25,110.00	20,000.00	7,972.20	1,184.50	12,027.80	0.00	39.86	
101-257-723-000	ASSESSING MEMBERSHIPS AND DUES	2,170.00	1,715.00	200.00	0.00	1,515.00	0.00	11.66	
101-257-724-000	EDUCATION	8,920.00	9,650.00	4,650.73	(416.06)	4,999.27	0.00	48.19	
101-257-727-000	ASSESSING PUBLICATION/SUPPLIES	1,500.00	1,500.00	607.66	59.89	892.34	0.00	40.51	
101-257-801-000	ASSESSING CONTRACTUAL SERVICES	18,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
101-257-808-000	BOARD OF REVIEW EXPENSES	4,200.00	3,700.00	1,984.03	375.00	1,715.97	0.00	53.62	
101-257-860-000	ASSESSING MILEAGE	2,900.00	2,900.00	130.36	0.00	2,769.64	0.00	4.50	
101-257-862-500	ASSESSING EXPENSE ACCOUNT	100.00	100.00	0.00	0.00	100.00	0.00	0.00	
101-257-900-000	ASSESSING PRINTING AND PUBLISHING	1,100.00	1,100.00	802.00	0.00	298.00	0.00	72.91	
101-257-924-100	CELL PHONES/DATA	2,700.00	2,700.00	1,329.73	169.44	1,370.27	0.00	49.25	
101-257-939-000	ASSESSING SERVICE CONTRACTS	12,305.00	13,000.00	8,919.60	780.00	4,080.40	0.00	68.61	
101-257-981-000	OFFICE EQUIPMENT	3,000.00	4,200.00	1,478.00	0.00	2,722.00	0.00	35.19	
Net - Dept 257 - ASSESSING		305,827.00	311,727.00	192,294.82	31,132.86	119,432.18			
Dept 262 - ELECTIONS									
101-262-707-000	WAGES- CASUAL	62,320.00	40,000.00	10,260.36	2,221.50	29,739.64	0.00	25.65	
101-262-756-000	ELECTION SUPPLIES	30,250.00	5,000.00	3,303.39	53.80	1,696.61	0.00	66.07	
101-262-788-000	ELECTION MISC. EXPENSES	5,000.00	9,000.00	8,547.67	0.00	452.33	0.00	94.97	
101-262-932-000	MAINT/OFFICE EQUIP & COMPUTER REPA	1,000.00	1,000.00	0.00	0.00	1,000.00	0.00	0.00	
Net - Dept 262 - ELECTIONS		98,570.00	55,000.00	22,111.42	2,275.30	32,888.58			

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	FORM (ABNORM)	MONTH 08/31/23	FORM (ABNORM)	BALANCE		
Dept 265 - BUILDING AND GROUNDS									
101-265-702-000	WAGES- FULL TIME	366,028.00	286,449.00	170,741.93	24,882.69	115,707.07	59.61		
101-265-702-713	OVERTIME	10,000.00	7,000.00	3,501.33	449.52	3,498.67	50.02		
101-265-707-000	WAGES- CASUAL	57,600.00	32,600.00	19,102.03	9,412.03	13,497.97	58.60		
101-265-724-000	EDUCATION	1,250.00	1,250.00	0.00	0.00	1,250.00	0.00		
101-265-768-000	BLDG & GROUNDS UNIFORMS	3,200.00	2,000.00	0.00	0.00	2,000.00	0.00		
101-265-802-200	JANITORIAL & MAINTENANCE	2,000.00	14,000.00	9,169.32	28.97	4,830.68	65.50		
101-265-860-000	MILEAGE	100.00	100.00	0.00	0.00	100.00	0.00		
101-265-863-000	VEHICLE MAINT	47,900.00	35,000.00	29,898.94	593.97	5,101.06	85.43		
101-265-864-000	FUEL	24,000.00	26,000.00	11,390.92	1,485.02	14,609.08	43.81		
101-265-921-000	COMPLEX ELECTRICITY	35,000.00	25,000.00	12,928.18	1,672.89	12,071.82	51.71		
101-265-923-000	COMPLEX HEATING	12,000.00	10,000.00	4,456.28	175.66	5,543.72	44.56		
101-265-924-000	COMPLEX PHONES	21,900.00	16,900.00	7,368.31	892.42	9,531.69	43.60		
101-265-924-100	BLDG & GROUNDS CELL PHONES/ DATA	2,700.00	2,700.00	1,670.35	205.64	1,029.65	61.86		
101-265-927-000	COMPLEX WATER-SEWER	7,500.00	7,500.00	3,841.57	1,398.74	3,658.43	51.22		
101-265-931-000	COMPLEX MAINTENANCE	60,000.00	100,000.00	52,302.60	2,858.27	47,697.40	52.30		
101-265-932-000	OFFICE EQUIP/COMPUTER REPAIR	25,325.00	23,850.00	16,422.25	660.00	7,427.75	68.86		
101-265-939-000	SERVICE CONTRACTS	800.00	800.00	4,207.70	2,418.00	(3,407.70)	525.96		
101-265-981-000	OFFICE EQUIPMENT	5,000.00	3,000.00	0.00	0.00	3,000.00	0.00		
Net - Dept 265 - BUILDING AND GROUNDS		682,303.00	594,149.00	347,001.71	47,133.82	247,147.29			
Dept 276 - CEMETERY									
101-276-820-000	BACKHOE SERVICES	5,000.00	2,500.00	0.00	0.00	2,500.00	0.00		
101-276-921-000	CEMETERY ELECTRICITY	1,000.00	1,000.00	604.61	33.12	395.39	60.46		
101-276-932-000	CEMETERY MAINT	15,000.00	22,500.00	23,836.58	564.70	(1,336.58)	105.94		
Net - Dept 276 - CEMETERY		21,000.00	26,000.00	24,441.19	597.82	1,558.81			
Dept 443 - YARD WASTE REMOVAL									
101-443-787-000	MISCELLANEOUS	1,400.00	700.00	0.00	0.00	700.00	0.00		
101-443-820-000	SPRING/ FALL CLEANUP	40,000.00	70,000.00	43,164.94	0.00	26,835.06	61.66		
101-443-939-000	CONTRACTED SERVICES	44,000.00	12,200.00	6,100.50	0.00	6,099.50	50.00		
Net - Dept 443 - YARD WASTE REMOVAL		85,400.00	82,900.00	49,265.44	0.00	33,634.56			
Dept 445 - DRAIN									
101-445-816-000	DRAIN MAINTENANCE	14,500.00	11,500.00	4,822.25	4,822.25	6,677.75	41.93		
101-445-821-000	DRAIN ENGINEERING	15,000.00	5,000.00	0.00	0.00	5,000.00	0.00		
101-445-822-000	ILLICIT DISCHARGE PLAN	500.00	500.00	0.00	0.00	500.00	0.00		
101-445-823-000	LGROW MEMBERSHIP DUES	400.00	500.00	500.00	0.00	0.00	100.00		
Net - Dept 445 - DRAIN		30,400.00	17,500.00	5,322.25	4,822.25	12,177.75			
Dept 446 - ROADS									
101-446-818-000	DUST CONTROL LAYER	3,300.00	3,300.00	101.00	67.44	3,199.00	3.06		
101-446-821-000	ROAD OVERLAYS	400,000.00	400,000.00	377,105.32	250,026.88	22,894.68	94.28		
101-446-821-500	ROAD ENGINEERING STUDIES	50,000.00	10,000.00	243.24	0.00	9,756.76	2.43		
Net - Dept 446 - ROADS		453,300.00	413,300.00	377,449.56	250,094.32	35,850.44			
Dept 447 - ENGINEERS/ ENGINEERING									
101-447-702-000	WAGES- FULL TIME	0.00	101,920.00	69,675.39	13,795.39	32,244.61	68.36		
101-447-723-000	ENGINEERING MEMBERSHIP & DUES	0.00	500.00	0.00	0.00	500.00	0.00		
101-447-724-000	ENGINEERING EDUCATION	0.00	1,500.00	0.00	0.00	1,500.00	0.00		
101-447-752-000	ENGINEERING SUPPLIES	0.00	1,000.00	494.59	0.00	505.41	49.46		
101-447-818-000	CONTRACTED SERVICES	0.00	80,000.00	45,704.33	15,458.10	34,295.67	57.13		
101-447-860-000	ENGINEERING MILEAGE	0.00	500.00	130.35	72.05	369.65	26.07		
101-447-862-500	ENGINEERING EXPENSE ACCOUNT	0.00	500.00	100.00	0.00	400.00	20.00		
101-447-981-000	OFFICE EQUIPMENT	0.00	1,000.00	0.00	0.00	1,000.00	0.00		
Net - Dept 447 - ENGINEERS/ ENGINEERING		0.00	186,920.00	116,104.66	29,325.54	70,815.34			
Dept 448 - STREET LIGHTS									
101-448-926-000	STREETLIGHTING	136,000.00	136,000.00	84,637.74	11,963.16	51,362.26	62.23		
101-448-927-100	TRAFFIC SIGNALS	3,000.00	3,000.00	7.87	0.00	2,992.13	0.26		
Net - Dept 448 - STREET LIGHTS		139,000.00	139,000.00	84,645.61	11,963.16	54,354.39			

Pg. 4

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		WENDED BUDGET	WENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Dept 652 - TRANSPORTATION							
101-652-861-000	TRANSPORTATION SERVICES	30,375.00	0.00	0.00	0.00	0.00	0.00
101-652-861-200	TRANSPORTATION SERVICES	36,000.00	36,000.00	5,356.80	53.00	30,643.20	14.88
101-652-861-300	TRANSPORTATION SERVICE-GO BUS TICKE	2,000.00	2,000.00	420.00	0.00	1,580.00	21.00
Net - Dept 652 - TRANSPORTATION		68,375.00	38,000.00	5,776.80	53.00	32,223.20	
Dept 701 - PLANNING							
101-701-702-000	WAGES- FULL TIME	179,713.00	182,970.00	73,204.12	9,646.27	109,765.88	40.01
101-701-702-001	WAGES - DEPARTMENT HEAD	80,000.00	84,200.00	56,080.00	9,720.00	28,120.00	66.60
101-701-706-000	PLANNING/ ZONING PER DIEM	0.00	14,000.00	11,050.00	0.00	2,950.00	78.93
101-701-707-000	WAGES- CASUAL	21,500.00	18,180.00	1,440.00	0.00	16,740.00	7.92
101-701-723-000	COMM DEV MEMBERSHIPS AND DUES	1,550.00	1,550.00	65.00	0.00	1,485.00	4.19
101-701-724-000	EDUCATION	8,000.00	5,000.00	1,015.41	0.00	3,984.59	20.31
101-701-727-000	PLANNING OFFICE SUPPLIES	500.00	750.00	353.93	299.00	396.07	47.19
101-701-768-000	COMM DEV UNIFORMS	1,000.00	0.00	0.00	0.00	0.00	0.00
101-701-787-000	MISCELLANEOUS	1,000.00	1,000.00	0.00	0.00	1,000.00	0.00
101-701-809-000	PLANNING/ ZONING SUPPLIES	0.00	3,000.00	1,955.04	0.00	1,044.96	65.17
101-701-860-000	COMM DEV MILEAGE	2,500.00	1,000.00	0.00	0.00	1,000.00	0.00
101-701-900-000	PRINTING & PUBLISHING	12,000.00	12,000.00	8,574.90	1,024.90	3,425.10	71.46
101-701-901-000	DIGITAL IMAGING	6,000.00	6,000.00	0.00	0.00	6,000.00	0.00
101-701-925-000	CELL PHONE/ DATA	1,800.00	1,800.00	932.82	192.55	867.18	51.82
101-701-967-000	SPECIAL PROJECTS - TACTICAL URBANISM	45,000.00	20,000.00	0.00	0.00	20,000.00	0.00
101-701-967-001	SPECIAL PROJECTS - MASTER PLAN CONSL	0.00	25,000.00	0.00	0.00	25,000.00	0.00
101-701-981-000	OFFICE EQUIPMENT	3,600.00	3,000.00	0.00	0.00	3,000.00	0.00
Net - Dept 701 - PLANNING		364,163.00	379,450.00	154,671.22	20,882.72	224,778.78	
Dept 756 - PARKS							
101-756-702-000	WAGES- FULL TIME	0.00	75,000.00	29,096.18	10,269.24	45,903.82	38.79
101-756-756-000	PARK OPERATING SUPPLIES	6,000.00	7,000.00	5,798.84	894.40	1,201.16	82.84
101-756-921-000	PARK ELECTRICITY	6,900.00	6,000.00	4,109.42	523.28	1,890.58	68.49
101-756-924-000	PARK PHONES	1,000.00	0.00	0.00	0.00	0.00	0.00
101-756-927-000	PARK WATER-SEWER	2,800.00	2,800.00	843.93	0.00	1,956.07	30.14
101-756-935-000	PARK MAINTENANCE	60,000.00	98,200.00	46,496.03	9,501.02	51,703.97	47.35
101-756-967-000	SPECIAL PROJECTS - MILLAGE PREP	0.00	25,000.00	0.00	0.00	25,000.00	0.00
101-756-967-001	SPECIAL PROJECTS - RECREATION PARK PL	0.00	25,000.00	0.00	0.00	25,000.00	0.00
101-756-981-000	OFFICE EQUIPMENT	5,000.00	2,000.00	168.93	0.00	1,831.07	8.45
Net - Dept 756 - PARKS		81,700.00	241,000.00	86,513.33	21,187.94	154,486.67	
Dept 803 - HISTORICAL							
101-803-880-000	COMMUNITY PROMOTION	7,000.00	7,000.00	0.00	0.00	7,000.00	0.00
101-803-921-000	MUSEUM - ELECTRICITY	780.00	800.00	504.11	61.13	295.89	63.01
101-803-923-000	MUSEUM - HEATING/UTILITY	900.00	1,000.00	648.52	50.06	351.48	64.85
101-803-927-000	MUSEUM WATER-SEWER	400.00	400.00	143.47	0.00	256.53	35.87
101-803-961-000	MUSEUM MAINTENANCE	12,400.00	21,400.00	9,333.75	0.00	12,066.25	43.62
Net - Dept 803 - HISTORICAL		21,480.00	30,600.00	10,629.85	111.19	19,970.15	

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	VENDED BUDGET	VENDED BUDGET	08/31/2023 MONTH 08/31/23	MONTH 08/31/23	BALANCE	
						FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Dept 901 - CAPITAL OUTLAY									
101-901-970-000	CAPITAL OUTLAY - FFE	74,220.00	139,720.00			51,282.00	0.00	88,438.00	36.70
101-901-971-000	CAPITAL OUTLAY - LAND	6,652.26	0.00			0.00	0.00	0.00	0.00
101-901-974-000	CAPITAL OUTLAY - LANDIMP	0.00	300,000.00			0.00	0.00	300,000.00	0.00
Net - Dept 901 - CAPITAL OUTLAY		80,872.26	439,720.00			51,282.00	0.00	388,438.00	
Dept 966 - TRANSFERS OUT									
101-966-995-004	TRANSFER TO CEMETERY TRUST FUN	1,500.00	1,500.00			0.00	0.00	1,500.00	0.00
101-966-995-005	TRANSFER TO DAM MAJOR REPAIR	40,000.00	40,000.00			20,000.00	0.00	20,000.00	50.00
101-966-995-006	TRANSFER TO FIRE FUND	400,000.00	400,000.00			266,666.65	33,333.33	133,333.35	66.67
Net - Dept 966 - TRANSFERS OUT		441,500.00	441,500.00			286,666.65	33,333.33	154,833.35	
Dept 990 - DEBT SERVICE									
101-990-991-008	FIRE ST. #1 BOND PRINCIPAL PAYMENT	0.00	414,115.00			160,000.00	0.00	254,115.00	38.64
101-990-994-001	BOND INTEREST & FEES (#1,2&4)	0.00	0.00			143,514.45	0.00	(143,514.45)	100.00
Net - Dept 990 - DEBT SERVICE		0.00	414,115.00			303,514.45	0.00	110,600.55	
Fund 101 - GENERAL FUND:									
TOTAL REVENUES		6,046,026.46	6,000,360.89			4,253,253.12	561,272.92	1,747,107.77	70.88
TOTAL EXPENDITURES		5,087,754.51	6,074,548.00			3,518,008.12	669,188.02	2,556,539.88	57.91
NET OF REVENUES & EXPENDITURES		958,271.95	(74,187.11)			735,245.00	(107,915.10)	(809,432.11)	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 101 - GENERAL FUND			
101-000-001-110	FLAGSTAR BANK - CASH GENERAL FUND	6,602,449.19	
101-000-001-111	GENL CASH RECEIVING & WIRE - FLAGSTAR	4,580.75	
101-000-001-500	GF CASH - K.C. POOL	1,208,526.52	
101-000-001-510	MI CLASS CASH - POOL ACCOUNTS	3,067,750.80	
101-000-001-700	CASH - GIFT CARDS	333.04	
101-000-003-016	CD- ADVENTURE CREDIT UNION	561,348.57	
101-000-003-028	CONSUMER CREDIT UNION M 1/08/2021	274,185.31	
101-000-003-038	GRAND RIVER BANK CD M 12/19/23	540,233.00	
101-000-003-041	LAKE MICH CREDIT UNION CD M 6/02/2020	1,044,648.34	
101-000-003-042	CD MSU FCU	508,051.52	
101-000-004-001	CASH DRAWER-PETTY CASH	175.00	
101-000-017-019	M/M - FLAGSTAR BANK	52,870.43	
101-000-017-405	COMERICA SECURITIES # 148983	500,015.63	
101-000-017-500	HORIZON BANK CD	540,480.58	
101-000-084-000	DUE FROM OTHER FUNDS		6,047,503.22
101-000-202-000	ACCOUNTS PAYABLE		2,056.81
101-000-231-201	HEALTH SAVINGS ACCOUNT WITHHOLDING	1,500.00	
101-000-231-220	DEPENDENT LIFE W/H		75.00
101-000-231-221	ADDITIONAL LIFE W/H	45.66	
101-000-380-001	FUND BALANCE - COMMITTED/PENSION 2012		499,543.00
101-000-380-004	FUND BAL - COMMIT FUTURE FACIL IMP 2018		250,000.00
101-000-390-000	FUND BALANCE - UNASSIGNED		7,372,771.31
101-000-401-401	GENERAL PROPERTY TAXES		1,606,367.79
101-000-401-405	STREETLIGHT		72,032.16
101-000-401-410	PERSONAL PROPERTY TAX		91,152.63
101-000-401-420	DELINQUENT TAXES		3,911.08
101-000-401-437	ABATEMENT TAXES		15,047.90
101-000-401-445	INTEREST & PENALTIES ON TAXES		2,522.61
101-000-401-447	TAX ADMINISTRATION FEES		368,695.19
101-000-477-460	CABLE REVENUE		92,272.93
101-000-477-465	CABLE - PEG FEES		18,907.41
101-000-479-000	OTHER PERMITS		965.00
101-000-493-000	DOG LICENSES		23.20
101-000-495-000	LIQUOR LICENSE		27.50
101-000-539-576	STATE SHARED REV.-SALES TAX		1,396,187.00
101-000-539-579	ELECTION REIMBURSEMENTS		8,404.28
101-000-539-581	METRO ACT		14,540.56
101-000-573-000	LOCAL COMMUNITY STABILIZATION AUTHORITY		92,485.89
101-000-600-608	PLANNING AND ZONING FEES		6,780.00
101-000-600-626	PASSPORT APPLICATION FEE		10,570.00
101-000-600-634	CEMETERY-OPENINGS AND CLOSINGS		18,645.00
101-000-665-000	INTEREST ON INVESTMENTS		163,617.09
101-000-667-002	DAM LEASE PAYMENTS		17,500.00
101-000-667-003	RENTAL OF FACILITIES		380.00
101-000-667-004	CELLULAR TOWERS		86,493.27

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
101-000-667-014	CELL TOWER - KEPS ANTENA LEASE		675.00
101-000-674-000	4TH OF JULY SPONSORS		14,200.00
101-000-674-200	PARK DONATIONS		2,470.00
101-000-675-675	MISCELLANEOUS INCOME		4,106.51
101-000-675-680	MISC INCOME - TRANSIT TICKETS		210.00
101-000-676-000	ELECTION REIMBURSEMENT		3,335.65
101-000-676-100	REIMBURSEMENTS/REFUNDS		468.00
101-000-679-000	INTERFUND REIMBURSE/BLDG INSPECTION FUND		134,844.47
101-000-681-000	PARK INCOME		5,415.00
101-101-704-000	WAGES- TRUSTEES (4)	26,451.48	
101-101-704-001	WAGES - TOWNSHIP SUPERVISOR	14,695.25	
101-101-704-002	WAGES - TOWNSHIP CLERK	11,756.16	
101-101-704-003	WAGES - TOWNSHIP TREASURER	8,426.54	
101-101-723-000	TOWNSHIP DUES	11,926.80	
101-101-723-001	ELECTED OFFICIAL MEMBERSHIPS AND DUES	50.00	
101-101-724-000	EDUCATION	1,349.78	
101-101-860-000	TOWNSHIP BOARD MILEAGE	660.28	
101-101-862-500	TOWNSHIP BOARD EXPENSE ACCOUNT	1,328.20	
101-101-924-100	TOWNSHIP BOARD CELL PHONES/DATA	2,891.44	
101-101-967-000	SPECIAL PROJECTS - STRATEGIC PLAN	7,660.00	
101-101-981-000	OFFICE EQUIPMENT	1,232.00	
101-225-702-000	WAGES- FULL TIME	288,459.52	
101-225-702-001	WAGES - DEPARTMENT HEAD	70,987.95	
101-225-704-000	WAGES- PART TIME	33,165.50	
101-225-723-000	MEMBERSHIP AND DUES	2,693.00	
101-225-724-000	EDUCATION	5,128.77	
101-225-726-000	EMPLOYEE TRAINING	1,146.07	
101-225-727-000	OFFICE SUPPLIES	7,571.04	
101-225-730-000	POSTAGE	8,036.25	
101-225-787-000	MISCELLANEOUS	12,238.51	
101-225-807-000	AUDIT FEES & SERVICES	15,768.00	
101-225-810-000	LIABILITY INSURANCE	29,271.00	
101-225-814-000	TAX/ASSESSING ADMIN COSTS	6,417.20	
101-225-815-000	COMPUTER COSTS-ISP	2,719.48	
101-225-816-000	INSECT/WEED CONTROL	34,760.40	
101-225-821-000	ENGINEERING COSTS	2,945.50	
101-225-826-000	LEGAL FEES	84,537.50	
101-225-860-000	ADMINISTRATIVE MILEAGE	863.64	
101-225-862-500	EXPENSE ACCOUNT	62.54	
101-225-881-000	FOURTH OF JULY	53,687.17	
101-225-881-400	HERITAGE DAY FESTIVAL	4,424.32	
101-225-885-000	NEWSLETTER	11,970.47	
101-225-900-000	PRINTING/PUBLISHING	11,916.95	
101-225-901-000	PUBLICATIONS	454.56	
101-225-924-100	CELL PHONES/DATA	5,100.66	
101-225-939-000	SERVICE CONTRACTS	8,096.95	
101-225-941-000	POSTAGE MACHINE LEASE	979.50	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
101-225-952-100	KENT COUNTY AERIAL PHOTO	2,527.54	
101-225-955-000	CABLE EQUIPMENT GRANTS	35,000.00	
101-225-955-955	COMMUNITY MEDIA CENTER	5,000.00	
101-225-956-000	RIGHT PLACE PROGRAM	9,000.00	
101-225-957-000	GENERAL FUND PHYSICAL EXAMS	222.00	
101-225-964-100	PROPERTY TAX REFUNDS	531.30	
101-225-967-000	SPECIAL PROJECTS - COMMUNICATIONS CONSULT	49,515.56	
101-225-981-000	OFFICE EQUIPMENT	11,584.24	
101-250-715-000	FICA-EMPLOYER	84,286.09	
101-250-716-000	DEFINED CONTRIBUTION PLAN	63,042.70	
101-250-717-000	WORKERS COMP INSURANCE	43,544.24	
101-250-718-000	VISION INSURANCE BENEFITS	1,265.05	
101-250-718-200	OTHER BENEFITS	37,500.00	
101-250-719-000	HEALTH INSURANCE BENEFITS	156,201.56	
101-250-720-000	LIFE & DIS INSURANCE BENEFITS	9,239.73	
101-250-721-000	DENTAL INSURANCE BENEFITS	11,716.73	
101-250-722-000	PENSION PLAN BENEFITS	88,310.04	
101-257-702-000	WAGES- FULL TIME	91,547.72	
101-257-702-001	WAGES- DEPARTMENT HEAD	72,672.79	
101-257-707-000	WAGES- CASUAL	7,972.20	
101-257-723-000	ASSESSING MEMBERSHIPS AND DUES	200.00	
101-257-724-000	EDUCATION	4,650.73	
101-257-727-000	ASSESSING PUBLICATION/SUPPLIES	607.66	
101-257-808-000	BOARD OF REVIEW EXPENSES	1,984.03	
101-257-860-000	ASSESSING MILEAGE	130.36	
101-257-900-000	ASSESSING PRINTING AND PUBLISHING	802.00	
101-257-924-100	CELL PHONES/DATA	1,329.73	
101-257-939-000	ASSESSING SERVICE CONTRACTS	8,919.60	
101-257-981-000	OFFICE EQUIPMENT	1,478.00	
101-262-707-000	WAGES- CASUAL	10,260.36	
101-262-756-000	ELECTION SUPPLIES	3,303.39	
101-262-788-000	ELECTION MISC. EXPENSES	8,547.67	
101-265-702-000	WAGES- FULL TIME	170,741.93	
101-265-702-713	OVERTIME	3,501.33	
101-265-707-000	WAGES- CASUAL	19,102.03	
101-265-802-200	JANITORIAL & MAINTENANCE	9,169.32	
101-265-863-000	VEHICLE MAINT	29,898.94	
101-265-864-000	FUEL	11,390.92	
101-265-921-000	COMPLEX ELECTRICITY	12,928.18	
101-265-923-000	COMPLEX HEATING	4,456.28	
101-265-924-000	COMPLEX PHONES	7,368.31	
101-265-924-100	BLDG & GROUNDS CELL PHONES/ DATA	1,670.35	
101-265-927-000	COMPLEX WATER-SEWER	3,841.57	
101-265-931-000	COMPLEX MAINTENANCE	52,302.60	
101-265-932-000	OFFICE EQUIP/COMPUTER REPAIR	16,422.25	
101-265-939-000	SERVICE CONTRACTS	4,207.70	
101-276-921-000	CEMETERY ELECTRICITY	604.61	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
101-276-932-000	CEMETERY MAINT	23,836.58	
101-443-820-000	SPRING/ FALL CLEANUP	43,164.94	
101-443-939-000	CONTRACTED SERVICES	6,100.50	
101-445-816-000	DRAIN MAINTENANCE	4,822.25	
101-445-823-000	LGROW MEMBERSHIP DUES	500.00	
101-446-818-000	DUST CONTROL LAYER	101.00	
101-446-821-000	ROAD OVERLAYS	377,105.32	
101-446-821-500	ROAD ENGINEERING STUDIES	243.24	
101-447-702-000	WAGES- FULL TIME	69,675.39	
101-447-752-000	ENGINEERING SUPPLIES	494.59	
101-447-818-000	CONTRACTED SERVICES	45,704.33	
101-447-860-000	ENGINEERING MILEAGE	130.35	
101-447-862-500	ENGINEERING EXPENSE ACCOUNT	100.00	
101-448-926-000	STREETLIGHTING	84,637.74	
101-448-927-100	TRAFFIC SIGNALS	7.87	
101-652-861-200	TRANSPORTATION SERVICES	5,356.80	
101-652-861-300	TRANSPORTATION SERVICE-GO BUS TICKETS	420.00	
101-701-702-000	WAGES- FULL TIME	73,204.12	
101-701-702-001	WAGES - DEPARTMENT HEAD	56,080.00	
101-701-706-000	PLANNING/ ZONING PER DIEM	11,050.00	
101-701-707-000	WAGES- CASUAL	1,440.00	
101-701-723-000	COMM DEV MEMBERSHIPS AND DUES	65.00	
101-701-724-000	EDUCATION	1,015.41	
101-701-727-000	PLANNING OFFICE SUPPLIES	353.93	
101-701-809-000	PLANNING/ ZONING SUPPLIES	1,955.04	
101-701-900-000	PRINTING & PUBLISHING	8,574.90	
101-701-925-000	CELL PHONE/ DATA	932.82	
101-756-702-000	WAGES- FULL TIME	29,096.18	
101-756-756-000	PARK OPERATING SUPPLIES	5,798.84	
101-756-921-000	PARK ELECTRICITY	4,109.42	
101-756-927-000	PARK WATER-SEWER	843.93	
101-756-935-000	PARK MAINTENANCE	46,496.03	
101-756-981-000	OFFICE EQUIPMENT	168.93	
101-803-921-000	MUSEUM - ELECTRICITY	504.11	
101-803-923-000	MUSEUM - HEATING/UTILITY	648.52	
101-803-927-000	MUSEUM WATER-SEWER	143.47	
101-803-961-000	MUSEUM MAINTENANCE	9,333.75	
101-901-970-000	CAPITAL OUTLAY - FFE	51,282.00	
101-966-995-005	TRANSFER TO DAM MAJOR REPAIR	20,000.00	
101-966-995-006	TRANSFER TO FIRE FUND	266,666.65	
101-990-991-008	FIRE ST. #1 BOND PRINCIPAL PAYMENT	160,000.00	
101-990-994-001	BOND INTEREST & FEES (#1,2&4)	143,514.45	
Total Fund 101 - GENERAL FUND		18,425,202.46	18,425,202.46

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 101 - GENERAL FUND		
*** Assets ***		
101-000-001-110	FLAGSTAR BANK - CASH GENERAL FUND	6,602,449.19
101-000-001-111	GENL CASH RECEIVING & WIRE - FLAGSTAR	4,580.75
101-000-001-500	GF CASH - K.C. POOL	1,208,526.52
101-000-001-510	MI CLASS CASH - POOL ACCOUNTS	3,067,750.80
101-000-001-700	CASH - GIFT CARDS	333.04
101-000-003-016	CD- ADVENTURE CREDIT UNION	561,348.57
101-000-003-028	CONSUMER CREDIT UNION M 1/08/2021	274,185.31
101-000-003-038	GRAND RIVER BANK CD M 12/19/23	540,233.00
101-000-003-041	LAKE MICH CREDIT UNION CD M 6/02/2020	1,044,648.34
101-000-003-042	CD MSU FCU	508,051.52
101-000-004-001	CASH DRAWER-PETTY CASH	175.00
101-000-017-019	M/M - FLAGSTAR BANK	52,870.43
101-000-017-405	COMERICA SECURITIES # 148983	500,015.63
101-000-017-500	HORIZON BANK CD	540,480.58
101-000-084-000	DUE FROM OTHER FUNDS	(6,047,503.22)
	Total Assets	8,858,145.46
*** Liabilities ***		
101-000-202-000	ACCOUNTS PAYABLE	2,056.81
101-000-231-201	HEALTH SAVINGS ACCOUNT WITHHOLDING	(1,500.00)
101-000-231-220	DEPENDENT LIFE W/H	75.00
101-000-231-221	ADDITIONAL LIFE W/H	(45.66)
	Total Liabilities	586.15
*** Fund Balance ***		
101-000-380-001	FUND BALANCE - COMMITTED/PENSION 2012	499,543.00
101-000-380-004	FUND BAL - COMMIT FUTURE FACIL IMP 2018	250,000.00
101-000-390-000	FUND BALANCE - UNASSIGNED	7,372,771.31
	Total Fund Balance	8,122,314.31
	Beginning Fund Balance	8,122,314.31
	Net of Revenues VS Expenditures	735,245.00
	Ending Fund Balance	8,857,559.31
	Total Liabilities And Fund Balance	8,858,145.46

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	VENDED BUDGET	VENDED BUDGET	08/31/2023 MONTH 08/31/23	MONTH 08/31/23	BALANCE	
						FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 151 - CEMETERY TRUST FUND									
Revenue									
151-000-600-634	CEMETERY-OPENINGS AND CLOSINGS	1,500.00	1,500.00			0.00	0.00	1,500.00	0.00
151-000-600-636	CEMETERY-CARE FEE	5,000.00	5,000.00			4,830.00	20.00	170.00	96.60
151-000-665-000	INTEREST ON INVESTMENTS	580.00	1,200.00			786.63	117.41	413.37	65.55
Total Revenue		7,080.00	7,700.00			5,616.63	137.41	2,083.37	
Dept 276 - CEMETERY									
151-276-787-000	MISCELLANEOUS	1,000.00	1,000.00			0.00	0.00	1,000.00	0.00
151-276-931-000	MAINT & REPAIR/IMPROVEMENTS	2,000.00	2,000.00			265.00	150.00	1,735.00	13.25
Net - Dept 276 - CEMETERY		3,000.00	3,000.00			265.00	150.00	2,735.00	
Fund 151 - CEMETERY TRUST FUND:									
TOTAL REVENUES		7,080.00	7,700.00			5,616.63	137.41	2,083.37	72.94
TOTAL EXPENDITURES		3,000.00	3,000.00			265.00	150.00	2,735.00	8.83
NET OF REVENUES & EXPENDITURES		4,080.00	4,700.00			5,351.63	(12.59)	(651.63)	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 151 - CEMETERY TRUST FUND			
151-000-017-005	MONEY MARKET LAKE MICH CR UN 12/15	138,861.92	
151-000-380-001	FUND BALANCE-COMMITTED WHITNEYVILLE M 11		5,000.00
151-000-390-000	FUND BALANCE		128,510.29
151-000-600-636	CEMETERY-CARE FEE		4,830.00
151-000-665-000	INTEREST ON INVESTMENTS		786.63
151-276-931-000	MAINT & REPAIR/IMPROVEMENTS	265.00	
Total Fund 151 - CEMETERY TRUST FUND		139,126.92	139,126.92

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 151 - CEMETERY TRUST FUND		
*** Assets ***		
151-000-017-005	MONEY MARKET LAKE MICH CR UN 12/15	138,861.92
	Total Assets	<u>138,861.92</u>
*** Liabilities ***		
	Total Liabilities	<u>0.00</u>
*** Fund Balance ***		
151-000-380-001	FUND BALANCE-COMMITTED WHITNEYVILLE M 11	5,000.00
151-000-390-000	FUND BALANCE	128,510.29
	Total Fund Balance	<u>133,510.29</u>
	Beginning Fund Balance	133,510.29
	Net of Revenues VS Expenditures	5,351.63
	Ending Fund Balance	<u>138,861.92</u>
	Total Liabilities And Fund Balance	138,861.92

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		WENDED BUDGET	WENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 206 - FIRE FUND							
Revenue							
206-000-401-402	TAX LEVY	2,053,387.65	2,174,507.82	2,174,507.82	0.00	0.00	100.00
206-000-401-410	PERSONAL PROPERTY TAX	131,860.21	130,900.00	123,391.14	0.00	7,508.86	94.26
206-000-401-412	DELINQUENT TAXES-LEVY	5,000.00	5,294.35	5,294.35	0.00	0.00	100.00
206-000-401-437	ABATEMENT TAXES-LEVY	19,899.32	20,400.00	20,369.99	0.00	30.01	99.85
206-000-401-445	PENALTIES & INTEREST ON TAXES	450.00	700.00	680.11	0.00	19.89	97.16
206-000-573-000	COMMUNITY STABILIZATION SHARE TAX	38,623.64	47,177.00	38,653.39	0.00	8,523.61	81.93
206-000-601-000	DISTRICT COURT FINES	100.00	0.00	0.00	0.00	0.00	0.00
206-000-665-000	INTEREST REVENUE	10,500.00	125,000.00	81,590.30	8,102.03	43,409.70	65.27
206-000-674-100	DONATIONS	500.00	500.00	0.00	0.00	500.00	0.00
206-000-675-675	MISCELLANEOUS INCOME	6,760.00	1,000.00	760.57	180.00	239.43	76.06
206-000-676-100	REIMBURSEMENTS/REFUNDS	250.00	250.00	103.44	0.00	146.56	41.38
206-000-679-400	REIMBURSEMENT FROM BUILDING DEPT.	0.00	176,000.00	0.00	0.00	176,000.00	0.00
206-000-699-000	TRANSFER FROM GENERAL FUND	444,323.00	444,323.00	266,666.65	33,333.33	177,656.35	60.02
Total Revenue		2,711,653.82	3,126,052.17	2,712,017.76	41,615.36	414,034.41	
Dept 250 - BENEFITS/INSURANCE							
206-250-715-000	FICA-EMPLOYER	133,718.00	144,022.00	94,925.97	16,375.48	49,096.03	65.91
206-250-716-000	DEFINED CONTRIBUTION PLAN	132,721.00	153,743.00	105,130.76	18,529.24	48,612.24	68.38
206-250-717-000	WORKERS COMP INSURANCE	135,000.00	95,000.00	76,233.40	79,962.40	18,766.60	80.25
206-250-718-000	VISION INSURANCE BENEFITS	2,652.00	2,661.00	1,434.92	0.00	1,226.08	53.92
206-250-718-200	OTHER BENEFITS	30,800.00	33,000.00	33,000.00	0.00	0.00	100.00
206-250-718-300	OTHER BENEFITS- PTO BUYBACK PROGRA	18,000.00	18,000.00	0.00	0.00	18,000.00	0.00
206-250-719-000	HEALTH INSURANCE BENEFITS	207,888.00	201,136.00	144,166.86	15,486.38	56,969.14	71.68
206-250-719-100	OPT-OUT INSURANCE	12,000.00	16,000.00	6,000.00	0.00	10,000.00	37.50
206-250-720-000	LIFE & DISABILITY INSURANCE	19,186.00	20,105.00	12,582.71	0.00	7,522.29	62.58
206-250-720-100	FIRE CASUALTY INSURANCE	9,800.00	9,800.00	11,227.00	0.00	(1,427.00)	114.56
206-250-721-000	DENTAL INSURANCE BENEFITS	23,172.00	22,531.00	17,659.88	1,910.12	4,871.12	78.38
206-250-722-000	PENSION PLAN BENEFITS	110,000.00	110,000.00	88,921.13	11,185.76	21,078.87	80.84
Net - Dept 250 - BENEFITS/INSURANCE		834,937.00	825,998.00	591,282.63	143,449.38	234,715.37	
Dept 336 - FIRE DEPARTMENT							
206-336-702-000	WAGES- FULL TIME	1,409,047.00	1,599,331.00	1,080,723.34	190,861.78	518,607.66	67.57
206-336-702-001	WAGES- DEPARTMENT HEAD	107,151.00	0.00	0.00	0.00	0.00	0.00
206-336-702-713	OVERTIME	115,000.00	100,000.00	80,973.94	18,579.71	19,026.06	80.97
206-336-707-000	WAGES- CASUAL	150,000.00	150,000.00	66,942.58	14,137.23	83,057.42	44.63
206-336-723-000	FIRE MEMBERSHIP AND DUES	3,000.00	4,000.00	1,446.55	180.00	2,553.45	36.16
206-336-725-000	FIRE TUITION	7,000.00	7,000.00	1,420.50	0.00	5,579.50	20.29
206-336-726-000	FIRE TRAINING	38,620.00	45,740.00	16,616.04	0.00	29,123.96	36.33
206-336-726-500	FIRE TRAINING / FIRE INSPECTIONS	0.00	2,500.00	5,076.36	2,338.92	(2,576.36)	203.05
206-336-727-000	FIRE OFFICE SUPPLIES	7,000.00	8,000.00	5,199.47	361.25	2,800.53	64.99
206-336-738-000	FIRE MAINT SUPPLIES	1,700.00	1,700.00	962.48	201.80	737.52	56.62
206-336-745-000	FIRE FUELS	37,000.00	31,000.00	22,036.15	3,704.32	8,963.85	71.08
206-336-752-000	SUPPLIES	2,500.00	2,500.00	617.91	0.00	1,882.09	24.72
206-336-752-100	MEDICAL SUPPLIES	8,000.00	7,000.00	5,214.08	0.00	1,785.92	74.49
206-336-768-000	FIRE UNIFORMS	16,000.00	16,000.00	7,438.34	309.25	8,561.66	46.49
206-336-787-000	MISCELLANEOUS	4,000.00	4,000.00	3,088.16	1,355.53	911.84	77.20
206-336-787-959	FIRE PROTECTIVE CLOTHING	39,500.00	45,000.00	6,338.92	594.99	38,661.08	14.09
206-336-790-000	FIRE PREVENTION - INVESTIGATION	3,000.00	5,200.00	292.42	5.03	4,907.58	5.62
206-336-791-000	TECH RESCUE	4,500.00	2,530.00	1,665.51	803.74	864.49	65.83
206-336-792-000	HEALTH-WELLNESS	2,000.00	5,000.00	499.00	499.00	4,501.00	9.98
206-336-802-000	CONTRACTUAL SERVICES	20,000.00	29,000.00	18,095.96	1,200.00	10,904.04	62.40
206-336-803-000	FIRE FIGHTER HIRING	2,000.00	2,000.00	648.42	648.42	1,351.58	32.42
206-336-804-000	RESPIRATORY PROGRAM	10,375.00	12,020.00	582.44	45.00	11,437.56	4.85
206-336-807-000	FIRE AUDIT FEES & SERVICES	2,903.00	2,861.00	2,956.50	0.00	(95.50)	103.34
206-336-810-000	LIABILITY INSURANCE	23,911.00	29,271.00	29,271.00	0.00	0.00	100.00
206-336-850-000	COMMUNICATIONS	15,000.00	18,000.00	5,759.21	795.67	12,240.79	32.00
206-336-863-000	VEHICLE MAINT	65,000.00	69,995.00	46,684.21	2,198.79	23,310.79	66.70
206-336-887-000	FIRE PUBLIC RELATIONS	8,800.00	8,991.00	537.61	418.25	8,453.39	5.98
206-336-901-000	FIRE PUBLICATIONS	1,500.00	1,500.00	1,446.70	199.00	53.30	96.45
206-336-928-000	UTILITIES	35,000.00	28,000.00	23,403.28	6,411.71	4,596.72	83.58
206-336-928-001	LEASE TEMP FIRE STATION #1	103,764.00	103,000.00	66,967.25	0.00	36,032.75	65.02

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VIENDED BUDGET	VIENDED BUDGET	VIENDED BUDGET	VIENDED BUDGET	08/31/2023 MONTH 08/31/23	MONTH 08/31/23	BALANCE	
						FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
206-336-932-000	FIRE OFF EQUIP & COMPUTER REPA	12,800.00	9,800.00	8,718.85	240.00	1,081.15	88.97		
206-336-936-000	FIRE STATION MAINT	6,000.00	6,100.00	5,456.49	426.85	643.51	89.45		
206-336-936-002	FIRE STATION MAINT/BUTTRICK	30,000.00	26,500.00	20,657.40	2,673.94	5,842.60	77.95		
206-336-937-000	FIRE RADIO MAINT	10,000.00	10,000.00	987.28	857.98	9,012.72	9.87		
206-336-938-000	FIRE EQUIPMENT MAINT	12,000.00	15,086.00	12,363.98	5,894.90	2,722.02	81.96		
206-336-939-000	FIRE COPIER/LEASE/SERVICE	0.00	1,188.00	0.00	0.00	1,188.00	0.00		
206-336-941-000	FIRE POSTAGE & MACHINE LEASE	900.00	900.00	469.95	0.00	430.05	52.22		
206-336-957-000	FIRE PHYSICAL EXAMS	18,000.00	1,500.00	38,769.00	0.00	(37,269.00)	#####		
206-336-958-000	FIRE SUPPLEMENTAL EQUIPMENT	6,000.00	6,720.00	1,597.96	452.90	5,122.04	23.78		
206-336-960-960	FIRE HAZMAT	0.00	2,000.00	1,452.52	0.00	547.48	72.63		
206-336-964-100	PROPERTY TAX REFUNDS	500.00	0.00	(119.52)	0.00	119.52	100.00		
206-336-981-000	OFFICE EQUIPMENT	12,000.00	18,914.00	4,395.70	0.00	14,518.30	23.24		
Net - Dept 336 - FIRE DEPARTMENT		2,351,471.00	2,439,847.00	1,597,653.94	256,395.96	842,193.06			
Dept 901 - CAPITAL OUTLAY									
206-901-970-000	FIRE CAPITAL OUTLAY	0.00	27,000.00	60,351.00	0.00	(33,351.00)	223.52		
206-901-975-000	CAPITAL OUTLAY - BLDGIMP	55,000.00	0.00	0.00	0.00	0.00	0.00		
Net - Dept 901 - CAPITAL OUTLAY		55,000.00	27,000.00	60,351.00	0.00	(33,351.00)			
Dept 966 - TRANSFERS OUT									
206-966-995-259	TRANSFER TO HAZMAT	2,000.00	0.00	0.00	0.00	0.00	0.00		
Net - Dept 966 - TRANSFERS OUT		(2,000.00)	0.00	0.00	0.00	0.00			
Fund 206 - FIRE FUND:									
TOTAL REVENUES		2,711,653.82	3,126,052.17	2,712,017.76	41,615.36	414,034.41	86.76		
TOTAL EXPENDITURES		3,243,408.00	3,292,845.00	2,249,287.57	399,845.34	1,043,557.43	68.31		
NET OF REVENUES & EXPENDITURES		(531,754.18)	(166,792.83)	462,730.19	(358,229.98)	(629,523.02)			

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 206 - FIRE FUND			
206-000-001-510	MI CLASS CASH - POOL ACCOUNTS	1,040,800.42	
206-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	348,235.88	
206-000-003-000	53RD -CASH	0.05	
206-000-003-015	CD - COMMUNITY WEST CR UN	5.00	
206-000-003-043	FIRST UNITED CREDIT UNION - CD	279,704.93	
206-000-004-001	CASH DRAWER-PETTY CASH	80.00	
206-000-017-005	MONEY MARKET LAKE MICH CR UN	5.00	
206-000-202-000	ACCOUNTS PAYABLE		5,065.75
206-000-214-000	DUE TO OTHER FUNDS	5,065.75	
206-000-390-000	FUND BALANCE		1,206,101.09
206-000-401-402	TAX LEVY		2,174,507.82
206-000-401-410	PERSONAL PROPERTY TAX		123,391.14
206-000-401-412	DELINQUENT TAXES-LEVY		5,294.35
206-000-401-437	ABATEMENT TAXES-LEVY		20,369.99
206-000-401-445	PENALTIES & INTEREST ON TAXES		680.11
206-000-573-000	COMMUNITY STABILIZATION SHARE TAX		38,653.39
206-000-665-000	INTEREST REVENUE		81,590.30
206-000-675-675	MISCELLANEOUS INCOME		760.57
206-000-676-100	REIMBURSEMENTS/REFUNDS		103.44
206-000-699-000	TRANSFER FROM GENERAL FUND		266,666.65
206-250-715-000	FICA-EMPLOYER	94,925.97	
206-250-716-000	DEFINED CONTRIBUTION PLAN	105,130.76	
206-250-717-000	WORKERS COMP INSURANCE	76,233.40	
206-250-718-000	VISION INSURANCE BENEFITS	1,434.92	
206-250-718-200	OTHER BENEFITS	33,000.00	
206-250-719-000	HEALTH INSURANCE BENEFITS	144,166.86	
206-250-719-100	OPT-OUT INSURANCE	6,000.00	
206-250-720-000	LIFE & DISABILITY INSURANCE	12,582.71	
206-250-720-100	FIRE CASUALTY INSURANCE	11,227.00	
206-250-721-000	DENTAL INSURANCE BENEFITS	17,659.88	
206-250-722-000	PENSION PLAN BENEFITS	88,921.13	
206-336-702-000	WAGES- FULL TIME	1,080,723.34	
206-336-702-713	OVERTIME	80,973.94	
206-336-707-000	WAGES- CASUAL	66,942.58	
206-336-723-000	FIRE MEMBERSHIP AND DUES	1,446.55	
206-336-725-000	FIRE TUITION	1,420.50	
206-336-726-000	FIRE TRAINING	16,616.04	
206-336-726-500	FIRE TRAINING / FIRE INSPECTIONS	5,076.36	
206-336-727-000	FIRE OFFICE SUPPLIES	5,199.47	
206-336-738-000	FIRE MAINT SUPPLIES	962.48	
206-336-745-000	FIRE FUELS	22,036.15	
206-336-752-000	SUPPLIES	617.91	
206-336-752-100	MEDICAL SUPPLIES	5,214.08	
206-336-768-000	FIRE UNIFORMS	7,438.34	
206-336-787-000	MISCELLANEOUS	3,088.16	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
206-336-787-959	FIRE PROTECTIVE CLOTHING	6,338.92	
206-336-790-000	FIRE PREVENTION - INVESTIGATION	292.42	
206-336-791-000	TECH RESCUE	1,665.51	
206-336-792-000	HEALTH-WELLNESS	499.00	
206-336-802-000	CONTRACTUAL SERVICES	18,095.96	
206-336-803-000	FIRE FIGHTER HIRING	648.42	
206-336-804-000	RESPIRATORY PROGRAM	582.44	
206-336-807-000	FIRE AUDIT FEES & SERVICES	2,956.50	
206-336-810-000	LIABILITY INSURANCE	29,271.00	
206-336-850-000	COMMUNICATIONS	5,759.21	
206-336-863-000	VEHICLE MAINT	46,684.21	
206-336-887-000	FIRE PUBLIC RELATIONS	537.61	
206-336-901-000	FIRE PUBLICATIONS	1,446.70	
206-336-928-000	UTILITIES	23,403.28	
206-336-928-001	LEASE TEMP FIRE STATION #1	66,967.25	
206-336-932-000	FIRE OFF EQUIP & COMPUTER REPA	8,718.85	
206-336-936-000	FIRE STATION MAINT	5,456.49	
206-336-936-002	FIRE STATION MAINT/BUTTRICK	20,657.40	
206-336-937-000	FIRE RADIO MAINT	987.28	
206-336-938-000	FIRE EQUIPMENT MAINT	12,363.98	
206-336-941-000	FIRE POSTAGE & MACHINE LEASE	469.95	
206-336-957-000	FIRE PHYSICAL EXAMS	38,769.00	
206-336-958-000	FIRE SUPPLEMENTAL EQUIPMENT	1,597.96	
206-336-960-960	FIRE HAZMAT	1,452.52	
206-336-964-100	PROPERTY TAX REFUNDS		119.52
206-336-981-000	OFFICE EQUIPMENT	4,395.70	
206-901-970-000	FIRE CAPITAL OUTLAY	60,351.00	
Total Fund 206 - FIRE FUND		3,923,304.12	3,923,304.12

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 206 - FIRE FUND		
*** Assets ***		
206-000-001-510	MI CLASS CASH - POOL ACCOUNTS	1,040,800.42
206-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	348,235.88
206-000-003-000	53RD -CASH	0.05
206-000-003-015	CD - COMMUNITY WEST CR UN	5.00
206-000-003-043	FIRST UNITED CREDIT UNION - CD	279,704.93
206-000-004-001	CASH DRAWER-PETTY CASH	80.00
206-000-017-005	MONEY MARKET LAKE MICH CR UN	5.00
	Total Assets	1,668,831.28
*** Liabilities ***		
206-000-202-000	ACCOUNTS PAYABLE	5,065.75
206-000-214-000	DUE TO OTHER FUNDS	(5,065.75)
	Total Liabilities	0.00
*** Fund Balance ***		
206-000-390-000	FUND BALANCE	1,206,101.09
	Total Fund Balance	1,206,101.09
	Beginning Fund Balance	1,206,101.09
	Net of Revenues VS Expenditures	462,730.19
	Ending Fund Balance	1,668,831.28
	Total Liabilities And Fund Balance	1,668,831.28

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		WENDED BUDGET	WENDED BUDGET	08/31/2023 MONTH 08/31/23	INCR (DECR)	BALANCE	
				FORM (ABNORM)	FORM (ABNORM)	FORM (ABNORM)	
Fund 207 - POLICE FUND							
Revenue							
207-000-401-402	TAX LEVY	716,781.98	758,766.12	758,766.12	0.00	0.00	100.00
207-000-401-410	PERSONAL PROPERTY TAX	46,009.73	45,700.00	43,055.70	0.00	2,644.30	94.21
207-000-401-412	DELINQUENT TAXES-LEVY	3,000.00	2,000.00	1,847.34	0.00	152.66	92.37
207-000-401-437	ABATEMENT TAXES-LEVY	6,943.74	7,115.00	7,107.98	0.00	7.02	99.90
207-000-401-445	INTEREST & PENALTIES ON TAX	150.00	250.00	237.28	0.00	12.72	94.91
207-000-573-000	COMMUNITY STABILIZATION SHARE TAX	13,481.84	16,224.98	16,224.98	0.00	0.00	100.00
207-000-665-000	INTEREST REVENUE	47,625.00	45,000.00	32,685.40	3,384.61	12,314.60	72.63
207-000-675-675	MISCELLANEOUS INCOME	0.00	8,000.00	7,922.99	920.64	77.01	99.04
Total Revenue		833,992.29	883,056.10	867,847.79	4,305.25	15,208.31	
Dept 301 - POLICE DEPARTMENT							
207-301-787-000	MISCELLANEOUS	5,000.00	5,000.00	0.00	0.00	5,000.00	0.00
207-301-801-000	SHERIFF PROTECTION	765,000.00	785,000.00	453,861.95	130,399.00	331,138.05	57.82
207-301-964-100	PROPERTY TAX REFUNDS	1,000.00	1,041.70	(41.70)	0.00	1,083.40	(4.00)
Net - Dept 301 - POLICE DEPARTMENT		771,000.00	791,041.70	453,820.25	130,399.00	337,221.45	
Dept 966 - TRANSFERS OUT							
207-966-995-000	TRANSFER TO OTHER FUND	(103,360.00)	0.00	0.00	0.00	0.00	0.00
Net - Dept 966 - TRANSFERS OUT		(103,360.00)	0.00	0.00	0.00	0.00	
Fund 207 - POLICE FUND:							
TOTAL REVENUES		833,992.29	883,056.10	867,847.79	4,305.25	15,208.31	98.28
TOTAL EXPENDITURES		667,640.00	791,041.70	453,820.25	130,399.00	337,221.45	57.37
NET OF REVENUES & EXPENDITURES		166,352.29	92,014.40	414,027.54	(126,093.75)	(322,013.14)	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 207 - POLICE FUND			
207-000-003-000	CASH-POLICE FUND - 53RD SECURITIES	0.05	
207-000-003-033	CD - PRIVATE BANK M 9/25/19	1,000,000.00	
207-000-003-041	LAKE MICH CREDIT UNION CD	412,762.10	
207-000-017-019	POLICE M/M FLAGSTAR BANK	624,026.92	
207-000-017-020	NORTHPOINTE MMA	287,475.60	
207-000-380-001	FUND BALANCE - COMMITTED/ PP TAX 2012		230,000.00
207-000-390-000	FUND BALANCE		1,680,237.13
207-000-401-402	TAX LEVY		758,766.12
207-000-401-410	PERSONAL PROPERTY TAX		43,055.70
207-000-401-412	DELINQUENT TAXES-LEVY		1,847.34
207-000-401-437	ABATEMENT TAXES-LEVY		7,107.98
207-000-401-445	INTEREST & PENALTIES ON TAX		237.28
207-000-573-000	COMMUNITY STABILIZATION SHARE TAX		16,224.98
207-000-665-000	INTEREST REVENUE		32,685.40
207-000-675-675	MISCELLANEOUS INCOME		7,922.99
207-301-801-000	SHERIFF PROTECTION	453,861.95	
207-301-964-100	PROPERTY TAX REFUNDS		41.70
Total Fund 207 - POLICE FUND		2,778,126.62	2,778,126.62

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 207 - POLICE FUND		
*** Assets ***		
207-000-003-000	CASH-POLICE FUND - 53RD SECURITIES	0.05
207-000-003-033	CD - PRIVATE BANK M 9/25/19	1,000,000.00
207-000-003-041	LAKE MICH CREDIT UNION CD	412,762.10
207-000-017-019	POLICE M/M FLAGSTAR BANK	624,026.92
207-000-017-020	NORTHPOINTE MMA	287,475.60
	Total Assets	2,324,264.67
*** Liabilities ***		
	Total Liabilities	0.00
*** Fund Balance ***		
207-000-380-001	FUND BALANCE - COMMITTED/ PP TAX 2012	230,000.00
207-000-390-000	FUND BALANCE	1,680,237.13
	Total Fund Balance	1,910,237.13
	Beginning Fund Balance	1,910,237.13
	Net of Revenues VS Expenditures	414,027.54
	Ending Fund Balance	2,324,264.67
	Total Liabilities And Fund Balance	2,324,264.67

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	08/31/2023 MONTH 08/31/23	INCR (DECR)	BALANCE	
Fund 208 - OPEN SPACE FUND							
Revenue							
208-000-401-402	TAX LEVY	359,160.58	380,118.00	380,117.18	0.00	0.82	100.00
208-000-401-410	PERSONAL PROPERTY TAX	23,054.00	35,000.00	21,569.58	0.00	13,430.42	61.63
208-000-401-412	DELINQUENT TAXES-LEVY	1,000.00	925.46	925.46	0.00	0.00	100.00
208-000-401-437	ABATEMENT TAXES-LEVY	3,479.43	3,565.00	3,560.99	0.00	4.01	99.89
208-000-401-445	INTEREST & PENALTIES ON TAXES	425.00	400.00	118.88	0.00	281.12	29.72
208-000-573-000	LOCAL COMMUNITY STABILIZATION SHAR	20,230.97	24,071.13	24,071.13	0.00	0.00	100.00
208-000-665-000	INTEREST ON INVESTMENTS	2,500.00	15,000.00	7,627.23	0.00	7,372.77	50.85
208-000-665-408	INTEREST ON HOMEYER FUND	1,000.00	15,000.00	11,340.96	1,779.81	3,659.04	75.61
Total Revenue		410,849.98	474,079.59	449,331.41	1,779.81	24,748.18	
Dept 751 - OPEN SPACE PRESERVATION							
208-751-921-000	ELECTRICITY	3,000.00	3,200.00	2,203.95	249.38	996.05	68.87
208-751-923-000	HEATING/UTILITY	2,000.00	3,600.00	2,191.51	100.12	1,408.49	60.88
208-751-927-000	WATER-SEWER	1,000.00	1,000.00	505.88	0.00	494.12	50.59
208-751-935-000	PARK MAINTENANCE	90,000.00	50,000.00	8,683.03	1,374.15	41,316.97	17.37
208-751-964-100	TAX REFUNDS	250.00	250.00	(20.90)	0.00	270.90	(8.36)
Net - Dept 751 - OPEN SPACE PRESERVATION		96,250.00	58,050.00	13,563.47	1,723.65	44,486.53	
Dept 901 - CAPITAL OUTLAY							
208-901-970-000	CAPITAL OUTLAY - FFE	0.00	50,000.00	0.00	0.00	50,000.00	0.00
Net - Dept 901 - CAPITAL OUTLAY		0.00	50,000.00	0.00	0.00	50,000.00	
Dept 990 - DEBT SERVICE							
208-990-991-201	BOND PRINCIPAL REFINANCE	284,000.00	293,000.00	293,000.00	0.00	0.00	100.00
208-990-993-201	BOND INTEREST REFINANCE	38,412.00	32,815.00	17,828.60	0.00	14,986.40	54.33
Net - Dept 990 - DEBT SERVICE		322,412.00	325,815.00	310,828.60	0.00	14,986.40	
Fund 208 - OPEN SPACE FUND:							
TOTAL REVENUES		410,849.98	474,079.59	449,331.41	1,779.81	24,748.18	94.78
TOTAL EXPENDITURES		418,662.00	433,865.00	324,392.07	1,723.65	109,472.93	74.77
NET OF REVENUES & EXPENDITURES		(7,812.02)	40,214.59	124,939.34	56.16	(84,724.75)	

Pg. 23

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 208 - OPEN SPACE FUND			
208-000-001-550	MI CLASS CASH - POOL ACCT/HOMEYER	398,215.75	
208-000-017-027	CONSUMER'S CREDIT UNION- MMA	537,756.75	
208-000-202-000	ACCOUNTS PAYABLE		249.38
208-000-214-000	DUE TO OTHER FUNDS	249.38	
208-000-380-004	FUND BALANCE - COMMITTTED HOMEYER 12/15		356,412.12
208-000-390-000	FUND BALANCE		454,621.04
208-000-401-402	TAX LEVY		380,117.18
208-000-401-410	PERSONAL PROPERTY TAX		21,569.58
208-000-401-412	DELINQUENT TAXES-LEVY		925.46
208-000-401-437	ABATEMENT TAXES-LEVY		3,560.99
208-000-401-445	INTEREST & PENALTIES ON TAXES		118.88
208-000-573-000	LOCAL COMMUNITY STABILIZATION SHARE		24,071.13
208-000-665-000	INTEREST ON INVESTMENTS		7,627.23
208-000-665-408	INTEREST ON HOMEYER FUND		11,340.96
208-751-921-000	ELECTRICITY	2,203.95	
208-751-923-000	HEATING/UTILITY	2,191.51	
208-751-927-000	WATER-SEWER	505.88	
208-751-935-000	PARK MAINTENANCE	8,683.03	
208-751-964-100	TAX REFUNDS		20.90
208-990-991-201	BOND PRINCIPAL REFINANCE	293,000.00	
208-990-993-201	BOND INTEREST REFINANCE	17,828.60	
Total Fund 208 - OPEN SPACE FUND		1,260,634.85	1,260,634.85

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 208 - OPEN SPACE FUND		
*** Assets ***		
208-000-001-550	MI CLASS CASH - POOL ACCT/HOMEYER	398,215.75
208-000-017-027	CONSUMER'S CREDIT UNION- MMA	537,756.75
	Total Assets	935,972.50
*** Liabilities ***		
208-000-202-000	ACCOUNTS PAYABLE	249.38
208-000-214-000	DUE TO OTHER FUNDS	(249.38)
	Total Liabilities	0.00
*** Fund Balance ***		
208-000-380-004	FUND BALANCE - COMMITTTED HOMEYER 12/15	356,412.12
208-000-390-000	FUND BALANCE	454,621.04
	Total Fund Balance	811,033.16
	Beginning Fund Balance	811,033.16
	Net of Revenues VS Expenditures	124,939.34
	Ending Fund Balance	935,972.50
	Total Liabilities And Fund Balance	935,972.50

Pg. 25

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		WENDED BUDGET	WENDED BUDGET	WENDED BUDGET	WENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
						FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 211 - DAM MAJOR REPAIR FUND									
Revenue									
211-000-665-000	INTEREST REVENUE	6,000.00	13,000.00	7,920.79	1,299.69	5,079.21	60.93		
211-000-677-000	CONTRIBUTIONS	5,000.00	5,000.00	0.00	0.00	5,000.00	0.00		
211-000-699-101	TRANSFER FROM GENERAL FUND	40,000.00	40,000.00	20,000.00	0.00	20,000.00	50.00		
Total Revenue		51,000.00	58,000.00	27,920.79	1,299.69	30,079.21			
Dept 901 - CAPITAL OUTLAY									
211-901-980-000	EXPENSES/DAM MAJOR REPAIR	85,000.00	85,000.00	0.00	0.00	85,000.00	0.00		
Net - Dept 901 - CAPITAL OUTLAY		85,000.00	85,000.00	0.00	0.00	85,000.00			
Fund 211 - DAM MAJOR REPAIR FUND:									
TOTAL REVENUES		51,000.00	58,000.00	27,920.79	1,299.69	30,079.21	48.14		
TOTAL EXPENDITURES		85,000.00	85,000.00	0.00	0.00	85,000.00	0.00		
NET OF REVENUES & EXPENDITURES		(34,000.00)	(27,000.00)	27,920.79	1,299.69	(54,920.79)			

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 211 - DAM MAJOR REPAIR FUND			
211-000-001-510	MI CLASS CASH - POOL ACCOUNTS	292,079.84	
211-000-003-014	CD - LAKE MICH CR UN 3/10/2020	348,202.46	
211-000-380-001	FUND BALANCE-COMMITTED/FUTURE REPAIRS12		250,000.00
211-000-390-000	FUND BALANCE		362,361.51
211-000-665-000	INTEREST REVENUE		7,920.79
211-000-699-101	TRANSFER FROM GENERAL FUND		20,000.00
Total Fund 211 - DAM MAJOR REPAIR FUND		640,282.30	640,282.30

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 211 - DAM MAJOR REPAIR FUND		
*** Assets ***		
211-000-001-510	MI CLASS CASH - POOL ACCOUNTS	292,079.84
211-000-003-014	CD - LAKE MICH CR UN 3/10/2020	348,202.46
	Total Assets	640,282.30
*** Liabilities ***		
	Total Liabilities	0.00
*** Fund Balance ***		
211-000-380-001	FUND BALANCE-COMMITTED/FUTURE REPAIRS12	250,000.00
211-000-390-000	FUND BALANCE	362,361.51
	Total Fund Balance	612,361.51
	Beginning Fund Balance	612,361.51
	Net of Revenues VS Expenditures	27,920.79
	Ending Fund Balance	640,282.30
	Total Liabilities And Fund Balance	640,282.30

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 216 - PATHWAYS FUND							
Revenue							
216-000-401-402	TAX LEVY	548,902.11	581,034.00	581,033.68	0.00	0.32	100.00
216-000-401-410	PERSONAL PROPERTY TAX	35,231.87	35,000.00	32,968.75	0.00	2,031.25	94.20
216-000-401-412	DELINQUENT TAX LEVY	1,500.00	1,500.00	1,414.59	0.00	85.41	94.31
216-000-401-437	ABATEMENT TAXES-LEVY	5,317.11	5,450.00	5,442.77	0.00	7.23	99.87
216-000-401-445	PENALTIES & INTEREST ON TAX	120.00	200.00	181.71	0.00	18.29	90.86
216-000-573-000	COMMUNITY STABILIZATION SHARE TAX	24,074.51	36,778.11	36,778.11	0.00	0.00	100.00
216-000-665-000	INTEREST REVENUE	31,220.00	16,000.00	14,449.44	2,173.78	1,550.56	90.31
Total Revenue		646,365.60	675,962.11	672,269.05	2,173.78	3,693.06	
Dept 758 - PATHWAYS							
216-758-728-000	OPERATING SUPPLIES	18,000.00	8,000.00	139.79	0.00	7,860.21	1.75
216-758-821-100	ENGINEERING	15,000.00	125,000.00	30,328.03	(87,745.72)	94,671.97	24.26
216-758-931-000	MAINT & REPAIR	250,000.00	100,000.00	139,796.05	(546,403.57)	(39,796.05)	139.80
216-758-931-200	PATHWAY MAINTENANCE	50,974.00	50,974.00	439.40	0.00	50,534.60	0.86
216-758-964-100	PROPERTY TAX REFUNDS	300.00	300.00	(31.94)	0.00	331.94	(10.65)
Net - Dept 758 - PATHWAYS		334,274.00	284,274.00	170,671.33	(634,149.29)	113,602.67	
Dept 901 - CAPITAL OUTLAY							
216-901-974-000	CAPITAL OUTLAY - LANDIMP	0.00	1,400,000.00	775,204.49	775,204.49	624,795.51	55.37
Net - Dept 901 - CAPITAL OUTLAY		0.00	1,400,000.00	775,204.49	775,204.49	624,795.51	
Fund 216 - PATHWAYS FUND:							
TOTAL REVENUES		646,365.60	675,962.11	672,269.05	2,173.78	3,693.06	99.45
TOTAL EXPENDITURES		334,274.00	1,684,274.00	945,875.82	141,055.20	738,398.18	56.16
NET OF REVENUES & EXPENDITURES		312,091.60	(1,008,311.89)	(273,606.77)	(138,881.42)	(734,705.12)	27.14

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 216 - PATHWAYS FUND			
216-000-001-510	MI CLASS CASH - POOL ACCOUNTS	113,819.22	
216-000-003-038	GRAND RIVER BANK M 10/4/19	550,710.52	
216-000-017-025	PATHWAYS M/M MACATAWA BANK	169,173.31	
216-000-390-000	FUND BALANCE		1,107,309.82
216-000-401-402	TAX LEVY		581,033.68
216-000-401-410	PERSONAL PROPERTY TAX		32,968.75
216-000-401-412	DELINQUENT TAX LEVY		1,414.59
216-000-401-437	ABATEMENT TAXES-LEVY		5,442.77
216-000-401-445	PENALTIES & INTEREST ON TAX		181.71
216-000-573-000	COMMUNITY STABILIZATION SHARE TAX		36,778.11
216-000-665-000	INTEREST REVENUE		14,449.44
216-758-728-000	OPERATING SUPPLIES	139.79	
216-758-821-100	ENGINEERING	30,328.03	
216-758-931-000	MAINT & REPAIR	139,796.05	
216-758-931-200	PATHWAY MAINTENANCE	439.40	
216-758-964-100	PROPERTY TAX REFUNDS		31.94
216-901-974-000	CAPITAL OUTLAY - LANDIMP	775,204.49	
Total Fund 216 - PATHWAYS FUND		1,779,610.81	1,779,610.81

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 216 - PATHWAYS FUND		
*** Assets ***		
216-000-001-510	MI CLASS CASH - POOL ACCOUNTS	113,819.22
216-000-003-038	GRAND RIVER BANK M 10/4/19	550,710.52
216-000-017-025	PATHWAYS M/M MACATAWA BANK	169,173.31
	Total Assets	833,703.05
*** Liabilities ***		
	Total Liabilities	0.00
*** Fund Balance ***		
216-000-390-000	FUND BALANCE	1,107,309.82
	Total Fund Balance	1,107,309.82
	Beginning Fund Balance	1,107,309.82
	Net of Revenues VS Expenditures	(273,606.77)
	Ending Fund Balance	833,703.05
	Total Liabilities And Fund Balance	833,703.05

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022		2023		YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		WENDE	BUDGET	WENDE	BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
						FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 218 - HAZMAT FUND									
Revenue									
218-000-581-000	LOCAL CONTRIBUTIONS	4,000.00		4,000.00		4,000.00	0.00	0.00	100.00
218-000-665-000	HAZMAT INTEREST	120.00		320.00		191.98	26.06	128.02	59.99
218-000-699-000	TRANSFER IN	2,000.00		2,000.00		0.00	0.00	2,000.00	0.00
Total Revenue		6,120.00		6,320.00		4,191.98	26.06	2,128.02	
Dept 344 - HAZMAT									
218-344-726-000	HAZMAT SUPPLIES	500.00		1,250.00		686.94	0.00	563.06	54.96
218-344-787-000	MISCELLANEOUS	1,500.00		750.00		0.00	0.00	750.00	0.00
218-344-789-000	HAZMAT TRAINING	3,000.00		2,000.00		0.00	0.00	2,000.00	0.00
218-344-958-000	HAZMAT EQUIPMENT	3,000.00		4,000.00		5,616.66	0.00	(1,616.66)	140.42
Net - Dept 344 - HAZMAT		8,000.00		8,000.00		6,303.60	0.00	1,696.40	
Fund 218 - HAZMAT FUND:									
TOTAL REVENUES		6,120.00		6,320.00		4,191.98	26.06	2,128.02	66.33
TOTAL EXPENDITURES		8,000.00		8,000.00		6,303.60	0.00	1,696.40	78.80
NET OF REVENUES & EXPENDITURES		(1,880.00)		(1,680.00)		(2,111.62)	26.06	431.62	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 218 - HAZMAT FUND			
218-000-017-005	MM LAKE MICH CR UN 112010265771	43,096.30	
218-000-390-000	FUND BALANCE		45,207.92
218-000-581-000	LOCAL CONTRIBUTIONS		4,000.00
218-000-665-000	HAZMAT INTEREST		191.98
218-344-726-000	HAZMAT SUPPLIES	686.94	
218-344-958-000	HAZMAT EQUIPMENT	5,616.66	
Total Fund 218 - HAZMAT FUND		49,399.90	49,399.90

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 218 - HAZMAT FUND		
*** Assets ***		
218-000-017-005	MM LAKE MICH CR UN 112010265771	43,096.30
	Total Assets	<u>43,096.30</u>
*** Liabilities ***		
	Total Liabilities	<u>0.00</u>
*** Fund Balance ***		
218-000-390-000	FUND BALANCE	45,207.92
	Total Fund Balance	<u>45,207.92</u>
	Beginning Fund Balance	45,207.92
	Net of Revenues VS Expenditures	(2,111.62)
	Ending Fund Balance	<u>43,096.30</u>
	Total Liabilities And Fund Balance	<u>43,096.30</u>

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 220 - LARAWAY LAKE IMPROVEMENT FUND							
Revenue							
220-000-452-013	S/A REVENUE - LARAWAY LAKE	11,574.00	11,575.00	10,065.20	0.00	1,509.80	86.96
220-000-665-000	INTEREST ON INVESTMENTS	100.00	750.00	436.99	62.68	313.01	58.27
Total Revenue		11,674.00	12,325.00	10,502.19	62.68	1,822.81	
Dept 444 - S/A IMPROVEMENT FUNDS							
220-444-802-000	CONTRACTUAL SERVICES	2,500.00	0.00	0.00	0.00	0.00	0.00
220-444-816-000	INSECT&WEED CONTROL/DRAIN MAINT	8,500.00	12,175.00	8,850.00	2,100.00	3,325.00	72.69
Net - Dept 444 - S/A IMPROVEMENT FUNDS		11,000.00	12,175.00	8,850.00	2,100.00	3,325.00	
Fund 220 - LARAWAY LAKE IMPROVEMENT FUND:							
TOTAL REVENUES		11,674.00	12,325.00	10,502.19	62.68	1,822.81	85.21
TOTAL EXPENDITURES		11,000.00	12,175.00	8,850.00	2,100.00	3,325.00	72.69
NET OF REVENUES & EXPENDITURES		674.00	150.00	1,652.19	(2,037.32)	(1,502.19)	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 220 - LARAWAY LAKE IMPROVEMENT FUND			
220-000-001-110	FLAGSTAR BANK - CASH	14,885.18	
220-000-045-013	S/A RECEIVALBE - LARAWAY LAKE	93,606.36	
220-000-339-013	DEFERRED REVENUE- LARAWAY LAKE		94,612.88
220-000-375-000	FUND BALANCE- RESTRICTED		12,226.47
220-000-452-013	S/A REVENUE - LARAWAY LAKE		10,065.20
220-000-665-000	INTEREST ON INVESTMENTS		436.99
220-444-816-000	INSECT&WEED CONTROL/DRAIN MAINT	8,850.00	
Total Fund 220 - LARAWAY LAKE IMPROVEMENT FUND		117,341.54	117,341.54

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 220 - LARAWAY LAKE IMPROVEMENT FUND		
*** Assets ***		
220-000-001-110	FLAGSTAR BANK - CASH	14,885.18
220-000-045-013	S/A RECEIVALBE - LARAWAY LAKE	93,606.36
	Total Assets	108,491.54
*** Liabilities ***		
220-000-339-013	DEFERRED REVENUE- LARAWAY LAKE	94,612.88
	Total Liabilities	94,612.88
*** Fund Balance ***		
220-000-375-000	FUND BALANCE- RESTRICTED	12,226.47
	Total Fund Balance	12,226.47
	Beginning Fund Balance	12,226.47
	Net of Revenues VS Expenditures	1,652.19
	Ending Fund Balance	13,878.66
	Total Liabilities And Fund Balance	108,491.54

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		2022 VENDED BUDGET	2023 VENDED BUDGET	08/31/2023 FORM (ABNORM)	MONTH 08/31/23 INCR (DECR) FORM	BALANCE FORM (ABNORM)	
Fund 230 - THORNAPPLE RIVER IMPROVEMENT FUND							
Revenue							
230-000-452-014	S/A REVENUE- TRD - RIVER	90,300.00	90,900.00	84,900.00	0.00	6,000.00	93.40
230-000-665-000	INTEREST ON INVESTMENTS	1,000.00	6,700.00	4,181.51	647.88	2,518.49	62.41
Total Revenue		91,300.00	97,600.00	89,081.51	647.88	8,518.49	
Dept 444 - S/A IMPROVEMENT FUNDS							
230-444-802-000	CONTRACTUAL SERVICES	10,000.00	30,000.00	17,131.18	2,272.50	12,868.82	57.10
230-444-816-000	INSECT&WEED CONTROL/DRAIN MAINT	65,000.00	63,900.00	6,030.00	0.00	57,870.00	9.44
Net - Dept 444 - S/A IMPROVEMENT FUNDS		75,000.00	93,900.00	23,161.18	2,272.50	70,738.82	
Fund 230 - THORNAPPLE RIVER IMPROVEMENT FUND:							
TOTAL REVENUES		91,300.00	97,600.00	89,081.51	647.88	8,518.49	91.27
TOTAL EXPENDITURES		75,000.00	93,900.00	23,161.18	2,272.50	70,738.82	24.67
NET OF REVENUES & EXPENDITURES		16,300.00	3,700.00	65,920.33	(1,624.62)	(62,220.33)	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 230 - THORNAPPLE RIVER IMPROVEMENT FUND			
230-000-001-110	FLAGSTAR BANK - CASH	189,162.12	
230-000-045-014	S/A RECEIVALBLE - TRD- RIVER	1,158,305.88	
230-000-339-014	DEFERRED REVENUE - TRD- RIVER		1,161,005.88
230-000-375-000	FUND BALANCE- RESTRICTED		120,541.79
230-000-452-014	S/A REVENUE- TRD - RIVER		84,900.00
230-000-665-000	INTEREST ON INVESTMENTS		4,181.51
230-444-802-000	CONTRACTUAL SERVICES	17,131.18	
230-444-816-000	INSECT&WEED CONTROL/DRAIN MAINT	6,030.00	
Total Fund 230 - THORNAPPLE RIVER IMPROVEMENT FUND		1,370,629.18	1,370,629.18

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 230 - THORNAPPLE RIVER IMPROVEMENT FUND		
*** Assets ***		
230-000-001-110	FLAGSTAR BANK - CASH	189,162.12
230-000-045-014	S/A RECEIVALBLE - TRD- RIVER	1,158,305.88
	Total Assets	1,347,468.00
*** Liabilities ***		
230-000-339-014	DEFERRED REVENUE - TRD- RIVER	1,161,005.88
	Total Liabilities	1,161,005.88
*** Fund Balance ***		
230-000-375-000	FUND BALANCE- RESTRICTED	120,541.79
	Total Fund Balance	120,541.79
	Beginning Fund Balance	120,541.79
	Net of Revenues VS Expenditures	65,920.33
	Ending Fund Balance	186,462.12
	Total Liabilities And Fund Balance	1,347,468.00

REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
 PERIOD ENDING 08/31/2023

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		MENDED BUDGET	MENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 243 - BROWNFIELD REDEVELOPMENT AUTHORITY FUND							
Revenue							
243-000-401-401	GENERAL PROPERTY TAX REVENUE	0.00	44,498.25	10.09	0.00	44,488.16	0.02
243-000-401-403	TAXES-KENT COUNTY	78.22	8,655.01	33.19	0.00	8,621.82	0.38
243-000-401-406	KDL TAXES- KDL	0.00	10.00	3.63	0.00	6.37	36.30
243-000-550-000	BDR - SOM GRANT	694,341.47	0.00	0.00	0.00	0.00	0.00
243-000-665-000	INTEREST REVENUE	350.00	50.00	10.85	0.00	39.15	21.70
Total Revenue		694,769.69	53,213.26	57.76	0.00	53,155.50	
Dept 571 - BDR- REMEDIATION							
243-571-801-400	CONTRACTOR	671,925.28	0.00	0.00	0.00	0.00	0.00
243-571-821-100	ENGINEERING	11,977.00	0.00	0.00	0.00	0.00	0.00
Net - Dept 571 - BDR- REMEDIATION		683,902.28	0.00	0.00	0.00	0.00	
Fund 243 - BROWNFIELD REDEVELOPMENT AUTHORITY FUND:							
TOTAL REVENUES		694,769.69	53,213.26	57.76	0.00	53,155.50	0.11
TOTAL EXPENDITURES		683,902.28	0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		10,867.41	53,213.26	57.76	0.00	53,155.50	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 243 - BROWNFIELD REDEVELOPMENT AUTHORITY FUND			
243-000-017-027	CONSUMER'S CREDIT UNION- MMA	10,963.43	
243-000-375-000	FUND BALANCE- RESTRICTED		10,905.67
243-000-401-401	GENERAL PROPERTY TAX REVENUE		10.09
243-000-401-403	TAXES-KENT COUNTY		33.19
243-000-401-406	KDL TAXES- KDL		3.63
243-000-665-000	INTEREST REVENUE		10.85
Total Fund 243 - BROWNFIELD REDEVELOPMENT AUTHORITY FUND		10,963.43	10,963.43

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 243 - BROWNFIELD REDEVELOPMENT AUTHORITY FUND		
*** Assets ***		
243-000-017-027	CONSUMER'S CREDIT UNION- MMA	10,963.43
	Total Assets	<u>10,963.43</u>
*** Liabilities ***		
	Total Liabilities	<u>0.00</u>
*** Fund Balance ***		
243-000-375-000	FUND BALANCE- RESTRICTED	10,905.67
	Total Fund Balance	<u>10,905.67</u>
	Beginning Fund Balance	10,905.67
	Net of Revenues VS Expenditures	57.76
	Ending Fund Balance	<u>10,963.43</u>
	Total Liabilities And Fund Balance	<u>10,963.43</u>

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION			YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		2022	2023	08/31/2023	MONTH 08/31/23	BALANCE	
		WENDED BUDGET	WENDED BUDGET	FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 246 - IRF							
Revenue							
246-000-452-010	S/A REVENUE - KRAFT WATER & 60TH	17,000.00	16,094.00	5,889.86	0.00	10,204.14	36.60
246-000-452-011	S/A REVENUE - OAK TERRACE	2,537.78	2,538.00	2,328.24	0.00	209.76	91.74
246-000-452-012	S/A REVENUE - TRD	17,100.85	17,101.00	11,325.08	0.00	5,775.92	66.22
246-000-630-000	HOOKUP FEES	400,000.00	200,000.00	355,682.00	39,852.00	(155,682.00)	177.84
246-000-665-000	INTEREST ON INVESTMENTS	15,600.00	115,000.00	59,792.21	6,393.59	55,207.79	51.99
246-000-669-000	INT & P S/A-ORDINANCE	5,985.31	6,300.00	6,176.71	0.00	123.29	98.04
Total Revenue		458,223.94	357,033.00	441,194.10	46,245.59	(84,161.10)	
Dept 225 - ADMINISTRATIVE							
246-225-821-000	ADMIN ENGINEERING COSTS	15,000.00	15,000.00	2,015.46	0.00	12,984.54	13.44
246-225-826-000	ADMIN LEGAL FEES	30,000.00	30,000.00	28,061.25	0.00	1,938.75	93.54
246-225-964-000	ADMIN 10%/HOOKUP TO GENERAL	40,000.00	20,000.00	0.00	0.00	20,000.00	0.00
246-225-967-100	WHOLE HOUSE FILTER PROJECT	120,000.00	100,000.00	34,269.66	(95,245.93)	65,730.34	34.27
246-225-980-000	ADMIN MISCELLANEOUS EXPENSE	10,000.00	10,000.00	0.00	0.00	10,000.00	0.00
Net - Dept 225 - ADMINISTRATIVE		215,000.00	175,000.00	64,346.37	(95,245.93)	110,653.63	
Fund 246 - IRF:							
TOTAL REVENUES		458,223.94	357,033.00	441,194.10	46,245.59	(84,161.10)	123.57
TOTAL EXPENDITURES		215,000.00	175,000.00	64,346.37	(95,245.93)	110,653.63	36.77
NET OF REVENUES & EXPENDITURES		243,223.94	182,033.00	376,847.73	141,491.52	(194,814.73)	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 246 - IRF			
246-000-001-510	MI CLASS CASH - POOL ACCOUNTS	891,771.00	
246-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	1,058,882.40	
246-000-003-010	S/A RECEIVABLE- KRAFT & 60TH IMPRV 2014	231,934.84	
246-000-017-405	COMERICA SECURITIES # 148983	976,741.00	
246-000-045-012	S/A RECEIVABLE - TRD SEWER	162,908.09	
246-000-047-006	ACCOUNTS RECEIVABLE-DELQ USAGE		4,149.75
246-000-339-010	DEFERRED REVENUE- KRAFT & 60TH IMPROVEMT		231,934.84
246-000-339-012	DEFERRED REVENUE TRD SEWER		162,908.09
246-000-390-000	FUND BALANCE		2,546,396.92
246-000-452-010	S/A REVENUE - KRAFT WATER & 60TH		5,889.86
246-000-452-011	S/A REVENUE - OAK TERRACE		2,328.24
246-000-452-012	S/A REVENUE - TRD		11,325.08
246-000-630-000	HOOKUP FEES		355,682.00
246-000-665-000	INTEREST ON INVESTMENTS		59,792.21
246-000-669-000	INT & P S/A-ORDINANCE		6,176.71
246-225-821-000	ADMIN ENGINEERING COSTS	2,015.46	
246-225-826-000	ADMIN LEGAL FEES	28,061.25	
246-225-967-100	WHOLE HOUSE FILTER PROJECT	34,269.66	
Total Fund 246 - IRF		3,386,583.70	3,386,583.70

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 246 - IRF		
*** Assets ***		
246-000-001-510	MI CLASS CASH - POOL ACCOUNTS	891,771.00
246-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	1,058,882.40
246-000-003-010	S/A RECEIVABLE- KRAFT & 60TH IMPRV 2014	231,934.84
246-000-017-405	COMERICA SECURITIES # 148983	976,741.00
246-000-045-012	S/A RECEIVABLE - TRD SEWER	162,908.09
246-000-047-006	ACCOUNTS RECEIVABLE-DELQ USAGE	(4,149.75)
	Total Assets	3,318,087.58
*** Liabilities ***		
246-000-339-010	DEFERRED REVENUE- KRAFT & 60TH IMPROVEMT	231,934.84
246-000-339-012	DEFERRED REVENUE TRD SEWER	162,908.09
	Total Liabilities	394,842.93
*** Fund Balance ***		
246-000-390-000	FUND BALANCE	2,546,396.92
	Total Fund Balance	2,546,396.92
	Beginning Fund Balance	2,546,396.92
	Net of Revenues VS Expenditures	376,847.73
	Ending Fund Balance	2,923,244.65
	Total Liabilities And Fund Balance	3,318,087.58

Pg. 46

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDTG USED
		VENDED BUDGET	VENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 248 - DDA							
Revenue							
248-000-401-401	TAXES - CASCADE TOWNSHIP	302,100.00	326,438.00	326,437.31	0.00	0.69	100.00
248-000-401-402	TAXES - G.R.C.C.	162,133.56	190,800.00	(2,971.72)	0.00	193,771.72	(1.56)
248-000-401-403	TAXES-KENT COUNTY	550,205.56	634,300.00	182,083.48	0.00	452,216.52	28.71
248-000-401-406	KDL TAXES-DDA	110,500.00	118,172.00	117,542.93	0.00	629.07	99.47
248-000-665-000	INTEREST REVENUE	22,595.00	65,000.00	49,029.38	6,614.95	15,970.62	75.43
248-000-667-001	RENT-TUFFY	70,500.00	78,769.00	56,471.67	6,302.09	22,297.33	71.69
248-000-675-675	MISCELLANEOUS INCOME	34,400.00	7,000.00	6,601.75	0.00	398.25	94.31
248-000-677-300	DDACONTRIB & DONATION- METRO CRUI	2,500.00	4,000.00	2,200.00	200.00	1,800.00	55.00
Total Revenue		1,254,934.12	1,424,479.00	737,394.80	13,117.04	687,084.20	
Dept 190 - DDA OPERATIONS/CONSTRUCTION							
248-190-723-000	DDA - MEMBERSHIP AND DUES	1,320.00	2,150.00	0.00	0.00	2,150.00	0.00
248-190-724-000	DDA - EDUCATION	2,000.00	2,000.00	0.00	0.00	2,000.00	0.00
248-190-787-000	MISCELLANEOUS	7,000.00	7,000.00	1,918.75	168.30	5,081.25	27.41
248-190-801-000	CONTRACT SERVICES	0.00	55,000.00	16,528.00	225.00	38,472.00	30.05
248-190-802-300	DDA ADMINISTRATIVE	99,426.00	0.00	0.00	0.00	0.00	0.00
248-190-821-000	ENGINEERING	75,000.00	75,000.00	0.00	0.00	75,000.00	0.00
248-190-826-265	LEGAL	2,500.00	2,500.00	0.00	0.00	2,500.00	0.00
248-190-860-000	DDA - MILEAGE	400.00	400.00	73.36	0.00	326.64	18.34
248-190-861-100	TRANSPORTATION SERVICES	217,540.00	217,540.00	143,981.88	16,393.58	73,558.12	66.19
248-190-921-000	ELECTRICITY	24,000.00	26,000.00	10,395.43	1,154.55	15,604.57	39.98
248-190-922-000	STREETLIGHTS	5,000.00	10,000.00	21,074.00	18,398.00	(11,074.00)	210.74
248-190-924-100	CELL PHONES/DATA	900.00	900.00	636.52	59.82	263.48	70.72
248-190-927-000	WATER-SEWER	6,500.00	8,500.00	3,114.31	2,840.82	5,385.69	36.64
248-190-931-000	MAINT & REPAIR/IMPROVEMENTS	70,000.00	60,000.00	11,614.51	6,180.89	48,385.49	19.36
248-190-931-300	DDA REPAIR & MAINT- METRO CRUISE WI	8,000.00	8,000.00	285.00	0.00	7,715.00	3.56
248-190-964-100	DDA PROPERTY TAX REFUNDS	50,000.00	25,000.00	0.00	0.00	25,000.00	0.00
248-190-967-000	SPECIAL PROJECTS-DDA LIGHTING/DECOR	90,000.00	15,000.00	1,752.50	1,752.50	13,247.50	11.68
248-190-967-001	SPECIAL PROJECTS-TACTICAL URBANISM	0.00	20,000.00	0.00	0.00	20,000.00	0.00
248-190-967-002	SPECIAL PROJECTS-FLOWERS/PLANTINGS	0.00	10,000.00	959.23	959.23	9,040.77	9.59
248-190-967-003	SPECIAL PROJECTS-PR/MARKETING/PROM	0.00	20,000.00	0.00	0.00	20,000.00	0.00
248-190-967-004	SPECIAL PROJECTS-SPECIAL EVENTS	0.00	15,000.00	0.00	0.00	15,000.00	0.00
248-190-981-000	OFFICE EQUIPMENT	1,000.00	1,000.00	0.00	0.00	1,000.00	0.00
Net - Dept 190 - DDA OPERATIONS/CONSTRUCTION		660,586.00	580,990.00	212,333.49	48,132.69	368,656.51	
Dept 901 - CAPITAL OUTLAY							
248-901-970-000	CAPITAL OUTLAY - FFE	80,000.00	230,000.00	0.00	0.00	230,000.00	0.00
248-901-974-000	CAPITAL OUTLAY - LANDIMP	57,084.05	353,440.00	0.00	0.00	353,440.00	0.00
Net - Dept 901 - CAPITAL OUTLAY		137,084.05	583,440.00	0.00	0.00	583,440.00	
Dept 990 - DEBT SERVICE							
248-990-992-007	LOAN PRINCIPAL	75,000.00	75,000.00	0.00	0.00	75,000.00	0.00
248-990-994-001	INTEREST AND FEES	21,775.00	19,338.00	9,668.75	0.00	9,669.25	50.00
Net - Dept 990 - DEBT SERVICE		96,775.00	94,338.00	9,668.75	0.00	84,669.25	
Fund 248 - DDA:							
TOTAL REVENUES		1,254,934.12	1,424,479.00	737,394.80	13,117.04	687,084.20	51.77
TOTAL EXPENDITURES		894,445.05	1,258,768.00	222,002.24	48,132.69	1,036,765.76	17.64
NET OF REVENUES & EXPENDITURES		360,489.07	165,711.00	515,392.56	(35,015.65)	(349,681.56)	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 248 - DDA			
248-000-001-510	MI CLASS CASH - POOL ACCOUNTS	1,378,200.08	
248-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	101,382.52	
248-000-003-005	CD - COMERICA	1,176,107.61	
248-000-003-035	ADVENTURE CU CD M 2/24/20	220,919.55	
248-000-003-040	CD - UNION BANK M 8/26/20	263,178.58	
248-000-202-000	ACCOUNTS PAYABLE		1,120.73
248-000-214-000	DUE TO GENERAL FUND	1,120.73	
248-000-390-000	FUND BALANCE - UNASSIGNED		2,624,395.78
248-000-401-401	TAXES - CASCADE TOWNSHIP		326,437.31
248-000-401-402	TAXES - G.R.C.C.	2,971.72	
248-000-401-403	TAXES-KENT COUNTY		182,083.48
248-000-401-406	KDL TAXES-DDA		117,542.93
248-000-665-000	INTEREST REVENUE		49,029.38
248-000-667-001	RENT-TUFFY		56,471.67
248-000-675-675	MISCELLANEOUS INCOME		6,601.75
248-000-677-300	DDACONTRIB & DONATION- METRO CRUISE WU		2,200.00
248-190-787-000	MISCELLANEOUS	1,918.75	
248-190-801-000	CONTRACT SERVICES	16,528.00	
248-190-860-000	DDA - MILEAGE	73.36	
248-190-861-100	TRANSPORTATION SERVICES	143,981.88	
248-190-921-000	ELECTRICITY	10,395.43	
248-190-922-000	STREETLIGHTS	21,074.00	
248-190-924-100	CELL PHONES/DATA	636.52	
248-190-927-000	WATER-SEWER	3,114.31	
248-190-931-000	MAINT & REPAIR/IMPROVEMENTS	11,614.51	
248-190-931-300	DDA REPAIR & MAINT- METRO CRUISE WU	285.00	
248-190-967-000	SPECIAL PROJECTS-DDA LIGHTING/DECOR	1,752.50	
248-190-967-002	SPECIAL PROJECTS-FLOWERS/PLANTINGS	959.23	
248-990-994-001	INTEREST AND FEES	9,668.75	
Total Fund 248 - DDA		3,365,883.03	3,365,883.03

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 248 - DDA		
*** Assets ***		
248-000-001-510	MI CLASS CASH - POOL ACCOUNTS	1,378,200.08
248-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	101,382.52
248-000-003-005	CD - COMERICA	1,176,107.61
248-000-003-035	ADVENTURE CU CD M 2/24/20	220,919.55
248-000-003-040	CD - UNION BANK M 8/26/20	263,178.58
	Total Assets	3,139,788.34
*** Liabilities ***		
248-000-202-000	ACCOUNTS PAYABLE	1,120.73
248-000-214-000	DUE TO GENERAL FUND	(1,120.73)
	Total Liabilities	0.00
*** Fund Balance ***		
248-000-390-000	FUND BALANCE - UNASSIGNED	2,624,395.78
	Total Fund Balance	2,624,395.78
	Beginning Fund Balance	2,624,395.78
	Net of Revenues VS Expenditures	515,392.56
	Ending Fund Balance	3,139,788.34
	Total Liabilities And Fund Balance	3,139,788.34

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 249 - BUILDING FUND							
Revenue							
249-000-607-100	BUILDING PERMITS	0.00	0.00	118,946.00	(239,964.00)	(118,946.00)	100.00
249-000-607-200	ELECTRICAL PERMITS	0.00	0.00	39,856.00	8,651.00	(39,856.00)	100.00
249-000-607-300	PLUMBING PERMITS	0.00	0.00	26,937.00	6,279.00	(26,937.00)	100.00
249-000-607-400	MECHANICAL PERMITS	0.00	0.00	53,350.35	11,757.35	(53,350.35)	100.00
249-000-607-483	CASCADE TWP BLDG COM PERMITS	220,000.00	0.00	260.00	260.00	(260.00)	100.00
249-000-607-484	CASCADE TWP BLDG RES PERMITS	140,000.00	445,000.00	419,694.00	302,370.00	25,306.00	94.31
249-000-607-485	CASCADE TWP ELECTRICAL PERMITS	116,000.00	100,000.00	77,443.00	6,556.00	22,557.00	77.44
249-000-607-486	CASCADE TWP MECHANICAL PERMITS	127,000.00	110,000.00	73,513.35	7,977.75	36,486.65	66.83
249-000-607-487	CASCADE TWP PLUMBING PERMITS	65,000.00	55,000.00	37,731.00	3,599.00	17,269.00	68.60
249-000-607-488	CASCADE - PR	54,000.00	0.00	0.00	0.00	0.00	0.00
249-000-607-490	CASCADE TWP CONTRACTOR REG	56,350.00	9,000.00	7,560.00	1,260.00	1,440.00	84.00
249-000-607-500	LOWELL TWP BUILDING PERMITS	80,000.00	86,000.00	27,830.00	4,906.00	58,170.00	32.36
249-000-607-501	LOWELL TWP ELECTRICAL PERMITS	33,000.00	33,000.00	13,760.00	2,017.00	19,240.00	41.70
249-000-607-502	LOWELL TWP MECHANICAL PERMITS	28,000.00	28,000.00	12,235.00	2,245.00	15,765.00	43.70
249-000-607-503	LOWELL TWP PLUMBING PERMITS	23,000.00	20,000.00	5,795.00	839.00	14,205.00	28.98
249-000-607-504	LOWELL TWP - PR	6,000.00	0.00	0.00	0.00	0.00	0.00
249-000-607-510	VERGENNES TWP BUILDING PERMITS	76,500.00	71,000.00	46,220.00	4,354.00	24,780.00	65.10
249-000-607-511	VERGENNES TWP ELECTRICAL PERMITS	20,450.00	20,000.00	9,929.00	2,164.00	10,071.00	49.65
249-000-607-512	VERGENNES TWP MECHANICAL PERMITS	22,450.00	20,000.00	8,339.00	1,605.00	11,661.00	41.70
249-000-607-516	VERGENNES TWP PLUMBING PERMITS	14,500.00	15,000.00	10,480.00	1,961.00	4,520.00	69.87
249-000-607-517	VERGENNES TWP - PR	7,200.00	0.00	0.00	0.00	0.00	0.00
249-000-607-520	ADA TWP BUILDING PERMITS	197,500.00	313,000.00	237,065.00	22,179.00	75,935.00	75.74
249-000-607-521	ADA TWP PLUMBING PERMITS	45,000.00	50,000.00	20,937.00	2,419.00	29,063.00	41.87
249-000-607-523	ADA TWP ELECTRICAL PERMITS	66,500.00	65,000.00	37,837.00	5,578.00	27,163.00	58.21
249-000-607-524	ADA TWP MECHANICAL PERMITS	67,500.00	65,000.00	49,869.25	4,813.50	15,130.75	76.72
249-000-607-525	ADA TWP - PR	24,500.00	0.00	0.00	0.00	0.00	0.00
249-000-607-531	GR TWP BUILDING PERMITS	145,000.00	270,000.00	186,536.00	3,042.00	83,464.00	69.09
249-000-607-532	GR TWP ELECTRICAL PERMITS	74,500.00	65,000.00	46,979.00	3,388.00	18,021.00	72.28
249-000-607-533	GR TWP MECHANICAL PERMITS	98,000.00	85,000.00	66,480.50	8,257.50	18,519.50	78.21
249-000-607-534	GR TWP PLUMBING PERMITS	56,600.00	48,000.00	34,703.00	3,126.00	13,297.00	72.30
249-000-607-535	GRT - PR	22,000.00	0.00	0.00	0.00	0.00	0.00
249-000-607-536	EAST GR BUILDING PERMITS	176,000.00	80,000.00	41,505.00	5,318.00	38,495.00	51.88
249-000-607-537	EAST GR ELECTRICAL PERMITS	49,500.00	40,000.00	29,824.00	4,963.00	10,176.00	74.56
249-000-607-538	EAST GR MECHANICAL PERMITS	63,500.00	50,000.00	34,736.00	5,295.00	15,264.00	69.47
249-000-607-539	EAST GR PLUMBING PERMITS	32,600.00	29,000.00	17,240.00	1,642.00	11,760.00	59.45
249-000-607-540	EGR - PR	11,000.00	0.00	0.00	0.00	0.00	0.00
249-000-607-541	EAST GR-RENTAL INSP	4,400.00	4,500.00	0.00	0.00	4,500.00	0.00
249-000-607-550	PLAINFIELD BUILDING PERMITS	268,000.00	253,000.00	230,645.00	17,631.00	22,355.00	91.16
249-000-607-551	PLAINFIELD - ELECTRICAL PERMITS	99,400.00	105,000.00	58,700.00	7,742.00	46,300.00	55.90
249-000-607-552	PLAINFIELD MECHANICAL PERMITS	150,000.00	130,000.00	76,409.95	12,155.00	53,590.05	58.78
249-000-607-553	PLAINFIELD - PLUMBING PERMITS	86,000.00	75,000.00	31,671.00	7,072.00	43,329.00	42.23
249-000-607-554	PLAINFIELD TWP- PR	23,400.00	0.00	0.00	0.00	0.00	0.00
249-000-607-555	PLAINFIELD INSPECTION FEES -NP	3,000.00	0.00	0.00	0.00	0.00	0.00
249-000-665-000	INTEREST REVENUE	47,139.00	46,000.00	45,629.41	4,380.04	370.59	99.19
249-000-675-675	MISCELLANEOUS INCOME	2,100.00	2,000.00	1,400.00	140.00	600.00	70.00
Total Revenue		2,902,589.00	2,787,500.00	2,238,045.81	247,978.14	549,454.19	
Dept 250 - BENEFITS/INSURANCE							
249-250-715-000	FICA-EMPLOYER	73,113.00	81,785.00	50,131.26	8,607.05	31,653.74	61.30
249-250-716-000	DEFINED CONTRIBUTION PLAN	132,721.00	99,349.00	64,344.35	11,432.43	35,004.65	64.77
249-250-717-000	WORKERS COMP INSURANCE	28,000.00	25,000.00	20,947.36	21,714.56	4,052.64	83.79
249-250-718-000	VISION INSURANCE BENEFITS	1,727.00	1,857.00	975.05	0.00	881.95	52.51
249-250-718-200	OTHER BENEFITS	18,200.00	19,500.00	18,000.00	0.00	1,500.00	92.31
249-250-718-300	OTHER BENEFITS- PTO BUYBACK PROGRAI	6,000.00	6,000.00	0.00	0.00	6,000.00	0.00
249-250-719-000	HEALTH INSURANCE BENEFITS	148,852.00	173,007.00	117,115.86	12,336.77	55,891.14	67.69
249-250-719-100	OPT-OUT INSURANCE	4,000.00	4,000.00	2,000.00	0.00	2,000.00	50.00
249-250-720-000	LIFE & DISABILITY INSURANCE	10,982.00	11,385.00	6,971.97	0.00	4,413.03	61.24
249-250-721-000	DENTAL INSURANCE BENEFITS	12,516.00	15,146.00	11,068.26	1,208.37	4,077.74	73.08
249-250-722-000	PENSION PLAN BENEFITS	45,168.00	55,000.00	17,467.91	2,183.49	37,532.09	31.76
Net - Dept 250 - BENEFITS/INSURANCE		481,279.00	492,029.00	309,022.02	57,482.67	183,006.98	

Pg. 50

**REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	08/31/2023 MONTH 08/31/23	INCR (DECR)	BALANCE	
Dept 371 - BUILDING DEPARTMENT							
249-371-702-000	WAGES- FULL TIME	778,838.00	869,722.00	560,839.45	101,069.14	308,882.55	64.48
249-371-702-001	WAGES - DEPARTMENT HEAD	106,887.00	115,000.00	75,043.44	13,242.96	39,956.56	65.26
249-371-704-000	WAGES- PART TIME	8,000.00	51,764.50	4,906.07	1,217.98	46,858.43	9.48
249-371-707-000	WAGES- CASUAL	70,000.00	30,000.00	14,250.00	3,300.00	15,750.00	47.50
249-371-723-000	MEMBERSHIPS AND DUES	5,000.00	6,000.00	1,945.00	120.00	4,055.00	32.42
249-371-724-000	EDUCATION	8,000.00	10,000.00	4,053.98	125.00	5,946.02	40.54
249-371-727-000	OFFICE SUPPLIES	11,000.00	12,000.00	4,058.95	232.45	7,941.05	33.82
249-371-757-000	BOOKS	4,200.00	5,000.00	129.00	0.00	4,871.00	2.58
249-371-768-000	DEPARTMENT UNIFORMS	4,200.00	0.00	0.00	0.00	0.00	0.00
249-371-787-000	MISCELLANEOUS	1,500.00	1,500.00	375.12	0.00	1,124.88	25.01
249-371-787-200	CREDIT CARD FEES	34,000.00	36,000.00	25,947.89	3,260.85	10,052.11	72.08
249-371-807-000	AUDIT FEES & SERVICES	968.00	800.00	985.50	0.00	(185.50)	123.19
249-371-810-000	LIABILITY INSURANCE	13,080.00	14,435.50	14,635.50	0.00	(200.00)	101.39
249-371-821-000	BLDG ENGINEERING	1,500.00	1,500.00	0.00	0.00	1,500.00	0.00
249-371-860-000	MILEAGE	68,000.00	72,000.00	51,170.70	6,819.93	20,829.30	71.07
249-371-862-500	DEPT HEAD, SUPV EXPENSES	750.00	750.00	192.31	0.00	557.69	25.64
249-371-923-000	HEATING/UTILITY	4,000.00	9,000.00	6,504.07	852.33	2,495.93	72.27
249-371-924-000	PHONES	3,000.00	6,000.00	2,882.13	348.47	3,117.87	48.04
249-371-924-100	CELL PHONES/DATA	11,000.00	12,000.00	7,394.25	895.69	4,605.75	61.62
249-371-932-000	OFFICE EQUIP & COMPUTER REPAIR	7,800.00	12,000.00	7,969.00	0.00	4,031.00	66.41
249-371-939-000	SERVICE CONTRACTS	18,413.00	70,000.00	21,785.49	4,248.66	48,214.51	31.12
249-371-941-000	POSTAGE & MACHINE LEASE	1,000.00	1,000.00	450.00	0.00	550.00	45.00
249-371-957-000	BLDG PHYSICAL EXAMS	750.00	750.00	0.00	0.00	750.00	0.00
249-371-967-000	BLDG - SPECIAL PROJECTS-FURNITURE UP	15,000.00	30,000.00	15,496.02	0.00	14,503.98	51.65
249-371-981-000	OFFICE EQUIPMENT	12,000.00	18,235.50	15,926.89	0.00	2,308.61	87.34
Net - Dept 371 - BUILDING DEPARTMENT		1,188,886.00	1,385,457.50	836,940.76	135,733.46	548,516.74	
Dept 901 - CAPITAL OUTLAY							
249-901-975-000	CAPITAL OUTLAY - BLDGIMP	30,000.00	0.00	0.00	0.00	0.00	0.00
Net - Dept 901 - CAPITAL OUTLAY		30,000.00	0.00	0.00	0.00	0.00	
Dept 955 - TRANSFERS IN							
249-955-699-249	TRANSFER FIRE INSPECTOR SHARE TO FIRI	0.00	176,000.00	0.00	0.00	176,000.00	0.00
Net - Dept 955 - TRANSFERS IN		0.00	176,000.00	0.00	0.00	176,000.00	
Dept 964 - PAYMENTS TO OTHER TOWNSHIPS							
249-964-964-100	PERMITS DUE TO LOWELL TWP	34,000.00	33,400.00	11,924.00	2,001.40	21,476.00	35.70
249-964-964-200	PERMITS DUE TO VERGENNES TWP	20,600.00	25,200.00	14,248.60	2,016.80	10,951.40	56.54
249-964-964-300	PERMITS DUE TO GR TWP	100,670.00	93,600.00	66,939.70	3,562.70	26,660.30	71.52
249-964-964-400	PERMITS DUE TO ADA TWP	85,200.00	98,600.00	69,141.65	6,997.90	29,458.35	70.12
249-964-964-500	PERMITS DUE TO EAST GR	64,980.00	39,800.00	24,661.00	3,443.60	15,139.00	61.96
249-964-964-600	PERMITS DUE PLAINFIELD	106,000.00	114,600.00	80,230.19	8,920.00	34,369.81	70.01
249-964-964-800	PERMITS DUE CASCADE TWP	140,000.00	142,000.00	121,696.27	64,100.55	20,303.73	85.70
Net - Dept 964 - PAYMENTS TO OTHER TOWNSHIPS		551,450.00	547,200.00	388,841.41	91,042.95	158,358.59	
Fund 249 - BUILDING FUND:							
TOTAL REVENUES		2,902,589.00	2,963,500.00	2,238,045.81	247,978.14	725,454.19	75.52
TOTAL EXPENDITURES		2,251,615.00	2,424,686.50	1,534,804.19	284,259.08	889,882.31	63.30
NET OF REVENUES & EXPENDITURES		650,974.00	538,813.50	703,241.62	(36,280.94)	(164,428.12)	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 249 - BUILDING FUND			
249-000-001-111	-CASH-RECEIVING - FLAGSTAR	152,921.75	
249-000-001-510	MI CLASS CASH - POOL ACCOUNTS	424,072.03	
249-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	759,258.76	
249-000-003-001	CD - INDEPENDENT BANK M 6/19/21	337,109.88	
249-000-003-021	FNB OF MI M 3/11/24	558,974.90	
249-000-003-024	FIRST NATIONAL BANK OF AMERICA	660,438.28	
249-000-017-401	US TREASURY NOTES	928,595.79	
249-000-017-405	COMERICA SECURITIES # 148983	797,989.22	
249-000-202-000	ACCOUNTS PAYABLE		1,525.04
249-000-214-000	DUE TO OTHER FUNDS	1,525.04	
249-000-390-000	FUND BALANCE		3,916,118.99
249-000-607-100	BUILDING PERMITS		118,946.00
249-000-607-200	ELECTRICAL PERMITS		39,856.00
249-000-607-300	PLUMBING PERMITS		26,937.00
249-000-607-400	MECHANICAL PERMITS		53,350.35
249-000-607-483	CASCADE TWP BLDG COM PERMITS		260.00
249-000-607-484	CASCADE TWP BLDG RES PERMITS		419,694.00
249-000-607-485	CASCADE TWP ELECTRICAL PERMITS		77,443.00
249-000-607-486	CASCADE TWP MECHANICAL PERMITS		73,513.35
249-000-607-487	CASCADE TWP PLUMBING PERMITS		37,731.00
249-000-607-490	CASCADE TWP CONTRACTOR REG		7,560.00
249-000-607-500	LOWELL TWP BUILDING PERMITS		27,830.00
249-000-607-501	LOWELL TWP ELECTRICAL PERMITS		13,760.00
249-000-607-502	LOWELL TWP MECHANICAL PERMITS		12,235.00
249-000-607-503	LOWELL TWP PLUMBING PERMITS		5,795.00
249-000-607-510	VERGENNES TWP BUILDING PERMITS		46,220.00
249-000-607-511	VERGENNES TWP ELECTRICAL PERMITS		9,929.00
249-000-607-512	VERGENNES TWP MECHANICAL PERMITS		8,339.00
249-000-607-516	VERGENNES TWP PLUMBING PERMITS		10,480.00
249-000-607-520	ADA TWP BUILDING PERMITS		237,065.00
249-000-607-521	ADA TWP PLUMBING PERMITS		20,937.00
249-000-607-523	ADA TWP ELECTRICAL PERMITS		37,837.00
249-000-607-524	ADA TWP MECHANICAL PERMITS		49,869.25
249-000-607-531	GR TWP BUILDING PERMITS		186,536.00
249-000-607-532	GR TWP ELECTRICAL PERMITS		46,979.00
249-000-607-533	GR TWP MECHANICAL PERMITS		66,480.50
249-000-607-534	GR TWP PLUMBING PERMITS		34,703.00
249-000-607-536	EAST GR BUILDING PERMITS		41,505.00
249-000-607-537	EAST GR ELECTRICAL PERMITS		29,824.00
249-000-607-538	EAST GR MECHANICAL PERMITS		34,736.00
249-000-607-539	EAST GR PLUMBING PERMITS		17,240.00
249-000-607-550	PLAINFIELD BUILDING PERMITS		230,645.00
249-000-607-551	PLAINFIELD - ELECTRICAL PERMITS		58,700.00
249-000-607-552	PLAINFIELD MECHANICAL PERMITS		76,409.95
249-000-607-553	PLAINFIELD - PLUMBING PERMITS		31,671.00

Pg. 52

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
249-000-665-000	INTEREST REVENUE		45,629.41
249-000-675-675	MISCELLANEOUS INCOME		1,400.00
249-250-715-000	FICA-EMPLOYER	50,131.26	
249-250-716-000	DEFINED CONTRIBUTION PLAN	64,344.35	
249-250-717-000	WORKERS COMP INSURANCE	20,947.36	
249-250-718-000	VISION INSURANCE BENEFITS	975.05	
249-250-718-200	OTHER BENEFITS	18,000.00	
249-250-719-000	HEALTH INSURANCE BENEFITS	117,115.86	
249-250-719-100	OPT-OUT INSURANCE	2,000.00	
249-250-720-000	LIFE & DISABILITY INSURANCE	6,971.97	
249-250-721-000	DENTAL INSURANCE BENEFITS	11,068.26	
249-250-722-000	PENSION PLAN BENEFITS	17,467.91	
249-371-702-000	WAGES- FULL TIME	560,839.45	
249-371-702-001	WAGES - DEPARTMENT HEAD	75,043.44	
249-371-704-000	WAGES- PART TIME	4,906.07	
249-371-707-000	WAGES- CASUAL	14,250.00	
249-371-723-000	MEMBERSHIPS AND DUES	1,945.00	
249-371-724-000	EDUCATION	4,053.98	
249-371-727-000	OFFICE SUPPLIES	4,058.95	
249-371-757-000	BOOKS	129.00	
249-371-787-000	MISCELLANEOUS	375.12	
249-371-787-200	CREDIT CARD FEES	25,947.89	
249-371-807-000	AUDIT FEES & SERVICES	985.50	
249-371-810-000	LIABILITY INSURANCE	14,635.50	
249-371-860-000	MILEAGE	51,170.70	
249-371-862-500	DEPT HEAD, SUPV EXPENSES	192.31	
249-371-923-000	HEATING/UTILITY	6,504.07	
249-371-924-000	PHONES	2,882.13	
249-371-924-100	CELL PHONES/DATA	7,394.25	
249-371-932-000	OFFICE EQUIP & COMPUTER REPAIR	7,969.00	
249-371-939-000	SERVICE CONTRACTS	21,785.49	
249-371-941-000	POSTAGE & MACHINE LEASE	450.00	
249-371-967-000	BLDG - SPECIAL PROJECTS-FURNITURE UPDATE	15,496.02	
249-371-981-000	OFFICE EQUIPMENT	15,926.89	
249-964-964-100	PERMITS DUE TO LOWELL TWP	11,924.00	
249-964-964-200	PERMITS DUE TO VERGENNES TWP	14,248.60	
249-964-964-300	PERMITS DUE TO GR TWP	66,939.70	
249-964-964-400	PERMITS DUE TO ADA TWP	69,141.65	
249-964-964-500	PERMITS DUE TO EAST GR	24,661.00	
249-964-964-600	PERMITS DUE PLAINFIELD	80,230.19	
249-964-964-800	PERMITS DUE CASCADE TWP	121,696.27	
Total Fund 249 - BUILDING FUND		6,155,689.84	6,155,689.84

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 249 - BUILDING FUND		
*** Assets ***		
249-000-001-111	-CASH-RECEIVING - FLAGSTAR	152,921.75
249-000-001-510	MI CLASS CASH - POOL ACCOUNTS	424,072.03
249-000-002-001	CASH/SAVINGS- FLAGSTAR BANK	759,258.76
249-000-003-001	CD - INDEPENDENT BANK M 6/19/21	337,109.88
249-000-003-021	FNB OF MI M 3/11/24	558,974.90
249-000-003-024	FIRST NATIONAL BANK OF AMERICA	660,438.28
249-000-017-401	US TREASURY NOTES	928,595.79
249-000-017-405	COMERICA SECURITIES # 148983	797,989.22
	Total Assets	4,619,360.61
*** Liabilities ***		
249-000-202-000	ACCOUNTS PAYABLE	1,525.04
249-000-214-000	DUE TO OTHER FUNDS	(1,525.04)
	Total Liabilities	0.00
*** Fund Balance ***		
249-000-390-000	FUND BALANCE	3,916,118.99
	Total Fund Balance	3,916,118.99
	Beginning Fund Balance	3,916,118.99
	Net of Revenues VS Expenditures	703,241.62
	Ending Fund Balance	4,619,360.61
	Total Liabilities And Fund Balance	4,619,360.61

REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 271 - LIBRARY FUND							
Revenue							
271-000-401-402	TAX LEVY	234,217.91	247,920.00	247,918.70	0.00	1.30	100.00
271-000-401-410	PERSONAL PROPERTY TAX	15,024.52	14,920.00	14,059.35	0.00	860.65	94.23
271-000-401-412	DELINQUENT TAX LEVY	600.00	603.14	603.14	0.00	0.00	100.00
271-000-401-437	ABATEMENT TAXES-LEVY	2,267.54	2,323.00	2,321.13	0.00	1.87	99.92
271-000-401-445	PENALTIES & INTEREST ON TAX	60.00	100.00	77.50	0.00	22.50	77.50
271-000-573-000	LOCAL COMMUNITY STABILIZATION SHAR	10,268.95	17,080.91	17,080.91	0.00	0.00	100.00
271-000-587-587	KENT DISTRICT LIBRARY PAYMENT	32,870.00	38,348.00	32,869.50	0.00	5,478.50	85.71
271-000-665-000	INTEREST REVENUE	2,340.00	26,000.00	25,701.59	2,233.02	298.41	98.85
271-000-674-100	FRIENDS OF THE LIBRARY DONATIONS	0.00	20,000.00	19,250.00	19,250.00	750.00	96.25
Total Revenue		297,648.92	367,295.05	359,881.82	21,483.02	7,413.23	
Dept 790 - LIBRARY							
271-790-727-000	LIBRARY SUPPLIES	6,600.00	2,000.00	0.00	0.00	2,000.00	0.00
271-790-729-000	LIB ELECTRONIC SUBSCRIPTIONS	900.00	1,000.00	0.00	0.00	1,000.00	0.00
271-790-787-000	MISCELLANEOUS	1,000.00	827.50	324.60	324.60	502.90	39.23
271-790-802-200	JANITORIAL & MAINTENANCE	47,000.00	52,500.00	26,159.76	3,963.60	26,340.24	49.83
271-790-810-000	LIABILITY INSURANCE	21,719.80	24,392.50	24,392.50	0.00	0.00	100.00
271-790-921-000	LIBRARY ELECTRICITY	52,000.00	52,000.00	36,005.84	5,240.12	15,994.16	69.24
271-790-923-000	LIBRARY HEATING	11,000.00	12,000.00	6,671.80	206.43	5,328.20	55.60
271-790-924-000	LIBRARY PHONES	1,200.00	2,500.00	1,347.91	10.02	1,152.09	53.92
271-790-927-000	LIBRARY WATER-SEWER	8,000.00	8,000.00	6,107.16	3,850.40	1,892.84	76.34
271-790-931-000	LIBRARY MAINTENANCE	60,000.00	110,904.00	37,455.55	1,245.68	73,448.45	33.77
271-790-931-100	LIBRARY MAINTENANCE	50,904.00	0.00	0.00	(149.00)	0.00	0.00
271-790-964-100	PROPERTY TAX REFUNDS	500.00	500.00	(13.62)	0.00	513.62	(2.72)
271-790-981-000	OFFICE EQUIPMENT	1,000.00	1,000.00	0.00	0.00	1,000.00	0.00
Net - Dept 790 - LIBRARY		261,823.80	267,624.00	138,451.50	14,691.85	129,172.50	
Dept 901 - CAPITAL OUTLAY							
271-901-970-000	CAPITAL OUTLAY - FFE	35,000.00	1,500,000.00	0.00	0.00	1,500,000.00	0.00
Net - Dept 901 - CAPITAL OUTLAY		35,000.00	1,500,000.00	0.00	0.00	1,500,000.00	
Fund 271 - LIBRARY FUND:							
TOTAL REVENUES		297,648.92	367,295.05	359,881.82	21,483.02	7,413.23	97.98
TOTAL EXPENDITURES		296,823.80	1,767,624.00	138,451.50	14,691.85	1,629,172.50	7.83
NET OF REVENUES & EXPENDITURES		825.12	(1,400,328.95)	221,430.32	6,791.17	(1,621,759.27)	

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 271 - LIBRARY FUND			
271-000-001-510	CASH - MI CLASS	488,511.39	
271-000-003-014	CD - LAKE MICH CR UN #40 M3/27/2020	453,604.26	
271-000-003-023	CD - UNITED BANK	500,000.00	
271-000-003-026	CD - WEST MI COMMUNITY BANK M10/28/24	279,434.90	
271-000-003-042	CD MSUFCU	582,446.18	
271-000-017-023	LIBRARY M/M UNITED BANK	233,194.35	
271-000-202-000	ACCOUNTS PAYABLE		5,240.12
271-000-214-000	DUE TO GENERAL FUND	5,240.12	
271-000-380-001	FUND BALANCE - COMMITTED/MAJOR REPAIRS11		400,000.00
271-000-390-000	FUND BALANCE		1,915,760.76
271-000-401-402	TAX LEVY		247,918.70
271-000-401-410	PERSONAL PROPERTY TAX		14,059.35
271-000-401-412	DELINQUENT TAX LEVY		603.14
271-000-401-437	ABATEMENT TAXES-LEVY		2,321.13
271-000-401-445	PENALTIES & INTEREST ON TAX		77.50
271-000-573-000	LOCAL COMMUNITY STABILIZATION SHARE		17,080.91
271-000-587-587	KENT DISTRICT LIBRARY PAYMENT		32,869.50
271-000-665-000	INTEREST REVENUE		25,701.59
271-000-674-100	FRIENDS OF THE LIBRARY DONATIONS		19,250.00
271-790-787-000	MISCELLANEOUS	324.60	
271-790-802-200	JANITORIAL & MAINTENANCE	26,159.76	
271-790-810-000	LIABILITY INSURANCE	24,392.50	
271-790-921-000	LIBRARY ELECTRICITY	36,005.84	
271-790-923-000	LIBRARY HEATING	6,671.80	
271-790-924-000	LIBRARY PHONES	1,347.91	
271-790-927-000	LIBRARY WATER-SEWER	6,107.16	
271-790-931-000	LIBRARY MAINTENANCE	37,455.55	
271-790-964-100	PROPERTY TAX REFUNDS		13.62
Total Fund 271 - LIBRARY FUND		2,680,896.32	2,680,896.32

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 271 - LIBRARY FUND		
*** Assets ***		
271-000-001-510	CASH - MI CLASS	488,511.39
271-000-003-014	CD - LAKE MICH CR UN #40 M3/27/2020	453,604.26
271-000-003-023	CD - UNITED BANK	500,000.00
271-000-003-026	CD - WEST MI COMMUNITY BANK M10/28/24	279,434.90
271-000-003-042	CD MSUFCU	582,446.18
271-000-017-023	LIBRARY M/M UNITED BANK	233,194.35
	Total Assets	2,537,191.08
*** Liabilities ***		
271-000-202-000	ACCOUNTS PAYABLE	5,240.12
271-000-214-000	DUE TO GENERAL FUND	(5,240.12)
	Total Liabilities	0.00
*** Fund Balance ***		
271-000-380-001	FUND BALANCE - COMMITTED/MAJOR REPAIRS11	400,000.00
271-000-390-000	FUND BALANCE	1,915,760.76
	Total Fund Balance	2,315,760.76
	Beginning Fund Balance	2,315,760.76
	Net of Revenues VS Expenditures	221,430.32
	Ending Fund Balance	2,537,191.08
	Total Liabilities And Fund Balance	2,537,191.08

REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
 PERIOD ENDING 08/31/2023

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		WENDED BUDGET	WENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				FORM (ABNORM)	INCR (DECR)	FORM (ABNORM)	
Fund 282 - CARES ACT							
Revenue							
282-000-528-007	ARPA	2,039,351.68	0.00	0.00	0.00	0.00	0.00
282-000-665-000	INTEREST ON INVESTMENTS	8,925.00	16,800.00	12,001.24	1,759.21	4,798.76	71.44
Total Revenue		2,048,276.68	16,800.00	12,001.24	1,759.21	4,798.76	
Fund 282 - CARES ACT :							
TOTAL REVENUES		2,048,276.68	16,800.00	12,001.24	1,759.21	4,798.76	71.44
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00	0.00
NET OF REVENUES & EXPENDITURES		2,048,276.68	16,800.00	12,001.24	1,759.21	4,798.76	

Pg. 58

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 282 - CARES ACT			
282-000-001-100	CASH -CARES ACT	1,083,499.49	
282-000-339-345	DEFERRED REVENUE- CARES ACT		1,039,351.68
282-000-380-000	FUND BALANCE - COMMITTED		32,146.57
282-000-665-000	INTEREST ON INVESTMENTS		12,001.24
Total Fund 282 - CARES ACT		1,083,499.49	1,083,499.49

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 282 - CARES ACT		
*** Assets ***		
282-000-001-100	CASH -CARES ACT	1,083,499.49
	Total Assets	1,083,499.49
*** Liabilities ***		
282-000-339-345	DEFERRED REVENUE- CARES ACT	1,039,351.68
	Total Liabilities	1,039,351.68
*** Fund Balance ***		
282-000-380-000	FUND BALANCE - COMMITTED	32,146.57
	Total Fund Balance	32,146.57
	Beginning Fund Balance	32,146.57
	Net of Revenues VS Expenditures	12,001.24
	Ending Fund Balance	44,147.81
	Total Liabilities And Fund Balance	1,083,499.49

REVENUE AND EXPENDITURE REPORT FOR CASCADE CHARTER TOWNSHIP
 PERIOD ENDING 08/31/2023

*NOTE: Available Balance / Pct Budget Used does not reflect amounts encumbered.

GL NUMBER	DESCRIPTION	2022	2023	YTD BALANCE	ACTIVITY FOR	AVAILABLE	% BDGT USED
		VENDED BUDGET	VENDED BUDGET	08/31/2023	MONTH 08/31/23	BALANCE	
				∇ORM (ABNORM)	INCR (DECR) ∇ORM (ABNORM)		
Fund 403 - FIRE STATION #1: CONSTRUCTION FUND- BOND							
Revenue							
403-000-665-000	INTEREST ON INVESTMENTS	51,250.00	90,000.00	85,726.52	3,558.53	4,273.48	95.25
403-000-696-000	PROCEEDS FROM SLAE OF BOND	5,909,275.50	0.00	0.00	0.00	0.00	0.00
403-000-699-101	TRANSFER FROM GENERAL FUND	0.00	3,500,000.00	0.00	0.00	3,500,000.00	0.00
403-000-699-282	TRANSFER FROM GENERAL FUND	0.00	1,000,000.00	1,000,000.00	1,000,000.00	0.00	100.00
Total Revenue		5,960,525.50	4,590,000.00	1,085,726.52	1,003,558.53	3,504,273.48	
Dept 326 - FIRE ST. #1 CONSTRUCTION FUND- BOND							
403-326-801-000	CONTRACT SERVICES	50,140.00	0.00	0.00	0.00	0.00	0.00
403-326-810-000	LIABILITY INSURANCE	1,201.00	8,400.00	0.00	0.00	8,400.00	0.00
403-326-821-100	ENGINEERING DESIGN	700,000.00	1,000,000.00	113,955.93	32,901.76	886,044.07	11.40
403-326-826-000	LEGAL FEES	32,750.00	0.00	0.00	0.00	0.00	0.00
403-326-981-000	OFFICE EQUIPMENT	0.00	240,000.00	0.00	0.00	240,000.00	0.00
Net - Dept 326 - FIRE ST. #1 CONSTRUCTION FUND- BOND		784,091.00	1,248,400.00	113,955.93	32,901.76	1,134,444.07	
Dept 901 - CAPITAL OUTLAY							
403-901-975-000	BUILDING ADDITIONS & IMPROVEMENTS	1,000,000.00	7,500,000.00	4,894,032.70	978,382.97	2,605,967.30	65.25
Net - Dept 901 - CAPITAL OUTLAY		1,000,000.00	7,500,000.00	4,894,032.70	978,382.97	2,605,967.30	
Dept 906 - DEBT SERVICE							
403-906-993-001	PAYING AGENT FEES	500.00	0.00	0.00	0.00	0.00	0.00
Net - Dept 906 - DEBT SERVICE		500.00	0.00	0.00	0.00	0.00	
Fund 403 - FIRE STATION #1: CONSTRUCTION FUND- BOND:							
TOTAL REVENUES		5,960,525.50	4,590,000.00	1,085,726.52	1,003,558.53	3,504,273.48	23.65
TOTAL EXPENDITURES		1,784,591.00	8,748,400.00	5,007,988.63	1,011,284.73	3,740,411.37	57.24
NET OF REVENUES & EXPENDITURES		4,175,934.50	(4,158,400.00)	(3,922,262.11)	(7,726.20)	(236,137.89)	94.32
TOTAL REVENUES - ALL FUNDS							
		24,433,030.00	21,113,776.17	13,966,334.28	1,947,462.37	7,147,441.89	66.15
TOTAL EXPENDITURES - ALL FUNDS							
		16,060,115.64	26,853,127.20	14,497,556.54	2,609,856.13	12,355,570.66	53.99
NET OF REVENUES & EXPENDITURES		8,372,914.36	(5,739,351.03)	(531,222.26)	(662,393.76)	(5,208,128.77)	9.26

Pg. 61

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 403 - FIRE STATION #1: CONSTRUCTION FUND- BOND			
403-000-001-510	CASH - POOL ACCOUNTS	260,343.00	
403-000-380-001	COMMITTED BOND- FIRE STATION #1		4,182,605.11
403-000-665-000	INTEREST ON INVESTMENTS		85,726.52
403-000-699-282	TRANSFER FROM GENERAL FUND		1,000,000.00
403-326-821-100	ENGINEERING DESIGN	113,955.93	
403-901-975-000	BUILDING ADDITIONS & IMPROVEMENTS	4,894,032.70	
Total Fund 403 - FIRE STATION #1: CONSTRUCTION FUND- BOND		5,268,331.63	5,268,331.63

BALANCE SHEET FOR CASCADE CHARTER TOWNSHIP
Period Ending 08/31/2023

GL Number	Description	Balance
Fund 403 - FIRE STATION #1: CONSTRUCTION FUND- BOND		
*** Assets ***		
403-000-001-510	CASH - POOL ACCOUNTS	260,343.00
	Total Assets	<u>260,343.00</u>
*** Liabilities ***		
	Total Liabilities	<u>0.00</u>
*** Fund Balance ***		
403-000-380-001	COMMITTED BOND- FIRE STATION #1	4,182,605.11
	Total Fund Balance	<u>4,182,605.11</u>
	Beginning Fund Balance	4,182,605.11
	Net of Revenues VS Expenditures	(3,922,262.11)
	Ending Fund Balance	<u>260,343.00</u>
	Total Liabilities And Fund Balance	<u>260,343.00</u>

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 701 - TRUST AND AGENCY			
701-000-003-002	HENRY KRAMER ESCROW	15,414.35	
701-000-003-004	JACK SMITH ESCROW	23,185.29	
701-000-003-014	CD - LAKE MICH CR - JAMES TIMMONS	12,400.00	
701-000-017-004	MONEY MARKET - CHEMICAL BANK	172,623.22	
701-000-202-000	ACCOUNTS PAYABLE		500.00
701-000-230-004	T&A INTERST DUE GF		2,049.98
701-000-250-080	CASCADE POINTE-PATHWAY BOND		9,554.62
701-000-250-173	PATHWAYS-WOLVERINE BLDG GROUP- 6010 28TH		1,800.00
701-000-252-050	WALMART S/W INSP GR 3/2013		826.83
701-000-252-166	REDWOOD LIVING/WHITE WATER S/W 4/2014		3,413.30
701-000-252-167	RIDGES OF CASCADE S/W 4/2014		948.12
701-000-252-168	STONESHIRE PHASE II S/W 4/2014		1,559.25
701-000-252-205	GROOTERS DEV./ 5400 INTERNATIONAL PKWAY		500.00
701-000-252-227	CASCADE MARKETPLACE 5/08		8,858.33
701-000-252-230	FORD AIRPORT PK LOT S/W		8,468.75
701-000-252-231	DRURY DEVELOPMENT S/W 9/2015		4,201.08
701-000-252-232	FORD AIRPORT VIEWING PARK		32.00
701-000-252-236	LACKS TRIM DIV S/W 1/2016		4,518.05
701-000-252-238	LANTERNS OF CASCADE JUNE 2019		9,296.95
701-000-252-239	NATIONAL TIRE SEPTEMBER 2019	438.50	
701-000-252-240	EDWARD ROSE/ GARDEN APARTMENTS	1,843.50	
701-000-252-751	GLENWOOD HILLS S/W BOND		23,211.72
701-000-253-221	UNIVERSAL SIGN SYSEMS 17-3397 7/2017		48.34
701-000-253-328	MIEDEMA METAL BUILDING SYSTEM 11/14		26.00
701-000-253-360	WOLVERING BLDG GROUP 16-3318 6/2016		500.00
701-000-253-373	ROBERT GROOTER 17-3386 5/2017		500.00
701-000-253-375	WATERFALL SHOPPES LLC 17-3389 6/2017		500.00
701-000-253-376	TOWN CENTER INN & SUITES 17-3391 6/2017		500.00
701-000-253-377	JAMNBEAN/FREEDOM REINS FARM 17-3392 7/17		500.00
701-000-253-378	PARADIGM DESIGN INC 17-3395 7/17		500.00
701-000-253-379	2771 ORANGE AVE LLC 17-3401 8/2017		500.00
701-000-253-382	RJP CONSULTING INC 17-3407 9/2017		500.00
701-000-253-385	INNOVATIVE DESIGN PC 17-3419 10/2017		500.00
701-000-253-386	LACK ENTERPRISES INC 17-3421 10/2017		500.00
701-000-253-387	NEDERVELD 17-3423 10/2017		500.00
701-000-253-388	BENITEAU RESIDENTIAL LLC 17-3424 11/2017		500.00
701-000-253-389	ALPHA LIMA VENTURES LLC 17-3425 11/2017		500.00
701-000-253-390	QUAIL RIDGE GOLF COURSE 17-3428 12/2017		500.00
701-000-253-391	THORNAPPLE EVANGELICAL 17- 3429 12/17		500.00
701-000-253-392	THORNAPPLE RIVER NURSERY 18-3433 1/18		500.00

Pg. 64

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
701-000-253-394	THE EAGLE PROPERTIES 18-3438 2/2018		500.00
701-000-253-395	KAMMINGA & ROODVOETS 18-3444 2/2018		500.00
701-000-253-397	DYKEMA EXCAVATORS INC 18:3450		500.00
701-000-253-398	SIBSCO LLC 18-3456 5/2018		500.00
701-000-253-399	GREEN CASTLE PROPERTIES 18-3458 5/2018		1,000.00
701-000-253-401	THORNAPPLE ENTERPRISES 18-3464 5/2018		500.00
701-000-253-404	NEDERVELD 18-3471 6/2018		500.00
701-000-253-405	NEWCO DESIGN BUILD LLC 18:3477		500.00
701-000-253-407	LANTERS 18:3488		500.00
701-000-253-408	PARADIGM DESIGN INC 18-3492 9/2018		500.00
701-000-253-409	LACKS TRIM SYSTEMS 18:3501 11/2018		500.00
701-000-253-411	BUFFUM HOMES LLC 18:3507		500.00
701-000-253-412	ROGUE LLC 18:3508		408.00
701-000-253-413	ROGUE LLC 18:3509		406.75
701-000-253-414	BDR EXECUTIVE HOMES PATHWAY BOND		1,000.00
701-000-253-415	GLENWOOD DEVELOPMENT PARTNERS 19:3516		500.00
701-000-253-416	GOLDEN VALLEY DEVELOPMENT 19:3519		500.00
701-000-253-417	ROBERT GROOTERS DEVELOPMENT CO 19:3526		380.50
701-000-253-418	TOM GIUSTI/ ROUND HILL 19:3527		15,862.25
701-000-253-419	CASCADE TLC DAYCARE 19:3534		500.00
701-000-253-420	NATIONAL TIRE WHOLESAL 19:3538		500.00
701-000-253-421	WATERMARK PROPERTIES LLC 19:3542		500.00
701-000-253-422	WALMART 19:3541		494.10
701-000-253-423	BRAD HARMON/ BKBE HOLDINGS LLC 19:3550		500.00
701-000-253-424	SARAH HOTCHKISS 19-3558		363.50
701-000-253-425	AUGUSTA TOWER 19-3570		1,087.30
701-000-253-426	EDWARD ROSE DEV CO., LLC		238.50
701-000-253-427	TARGET 20-3576 ZONING VARIANCE		171.00
701-000-253-431	GOLDEN VALLEY SITE CONDO #20-3593-ESCROW		80.00
701-000-253-432	GOLDEN VALLEY SITE CONDO #20-3594- PLAN		500.00
701-000-253-433	LIVE SPACE 4995 STARR ST SE		500.00
701-000-253-434	VENTURE ENGINEERING, PLLC		500.00
701-000-253-435	MOORE & BRUGGINK, INC		500.00
701-000-253-436	BOB MORSE 21-3629		500.00
701-000-253-437	GOLE DENTAL GROUP, PC 21-3632		500.00
701-000-253-438	MEDBIO #21-3620 4/2021		5,000.00
701-000-253-439	TOM GIUSTI/ ROUND HILL 21-3636 PUD AMEND		500.00
701-000-253-440	GOLF CLUB @ THORNAPPLE POINTE		500.00
701-000-253-445	DYKEMA EXCAVATORS, INC		500.00

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
701-000-253-447	QUAIL RIDGE GOLF COURSE #21-3680		500.00
701-000-253-448	PATTERSON ICE CENER, INC. #21-3681		500.00
701-000-253-449	JMR PROPERTY 2 LLC, #21-3629		20,000.00
701-000-255-000	CASCADE THORN RIVER ASSOC 16:3303		500.00
701-000-255-500	ENGELSMA HOMES		500.00
701-000-255-741	JAMES TIMMONS TRUST		12,400.00
701-000-255-742	JACKS SMITH (IRF) M 10/16/2015		23,185.29
701-000-255-743	CUSTOMER DEPOSITS- SOLICITATION BONDS		1,100.00
701-000-283-004	REDWOOD LIVING PERFORMANCE BOND 13-3139		10,000.00
701-000-283-168	RON DYKSTRA 2769 TRD	500.00	
701-000-283-169	CHICK-FIL-A PUD AMEND 19:3533		9,500.00
701-000-283-171	PATHWAY BOND - 1990 SPAULDING		500.00
701-000-283-740	HENRY KRAMER PERFORMANCE BOND		15,414.35
701-000-283-741	PERFORMANCE BOND 5801 KRAFT		5,000.00
Total Fund 701 - TRUST AND AGENCY		226,404.86	226,404.86

**TRIAL BALANCE REPORT FOR CASCADE CHARTER TOWNSHIP
PERIOD ENDING 08/31/2023**

GL NUMBER	DESCRIPTION	BALANCE DEBIT	BALANCE CREDIT
Fund 703 - CURRENT TAX COLLECTION FUND			
703-000-001-103	CASH- CHEM /TAX WIRE	263.00	
703-000-001-110	FLAGSTAR BANK - CASH	8,715,053.75	
703-000-001-111	CASH RECEIVING & WIRE - FLAGSTAR	1,556,283.11	
703-000-001-112	CASH DELINQUENT - FLAGSTAR	23,874.82	
703-000-004-001	CASH (CASH DRAWER)	150.00	
703-000-202-000	ACCOUNTS PAYABLE		6,037,428.30
703-000-214-000	DUE TO OTHER FUNDS	6,037,428.30	
703-000-214-155	CCT - ADMIN		101,176.43
703-000-222-110	KENT COUNTY - OPERATING		1,886,704.09
703-000-222-175	KENT COUNTY - DOG LICENSE		1,562.60
703-000-222-210	KENT COUNTY - IFT OPERATING		116.45
703-000-225-110	FHPS - OPERATING		441,887.53
703-000-225-120	FHPS - DEBT		1,216,102.15
703-000-225-130	FHPS - RECREATION		197,301.68
703-000-225-220	FHPS - IFT DEBT		85.27
703-000-225-230	FHPS - IFT RECREATION		13.83
703-000-225-410	CALEDONIA - OPERATING		155,876.59
703-000-225-420	CALEDONIA - DEBT		147,828.38
703-000-226-110	LOWELL - OPERATING		15,005.41
703-000-226-120	LOWELL - DEBT		43,623.68
703-000-226-130	LOWELL BLDG/SITE		6,085.79
703-000-228-001	SET & OPERATING TAX (COUNTY)		2,740,320.63
703-000-228-201	IFT SET & OPER TAX (STATE)		587.20
703-000-230-001	TAX INT- DUE TO OTHER UNIT GOVT		5,141.03
703-000-230-002	DELQ TAX - DUE TO OTHER UNIT OF GOVT		23,654.32
703-000-230-003	WIRE ACCT-DUE TO OTHER UNIT GOVT		1.00
703-000-230-012	DELQ TAX INT- DUE OTHER UNIT GOVT		177.30
703-000-230-013	WIRE ACCT INT - DUE TO OTHER GOVT		202.00
703-000-230-043	WIRE- ONLINE SERVICE FEES		215.31
703-000-230-044	TAX NSF FEES		689.76
703-000-234-110	KENT ISD - TAXES		2,486,699.17
703-000-234-210	KENT ISD - IFT TAXES		153.48
703-000-235-110	GRCC - TAXES		780,297.30
703-000-235-210	GRCC - IFT TAX		48.16
703-000-274-000	UNDISTRIBUTED TAX COLLECTION		371.87
703-000-275-000	DUE TO TAXPAYERS		43,696.27
Total Fund 703 - CURRENT TAX COLLECTION FUND		16,333,052.98	16,333,052.98
Total - All Funds:		68,994,963.98	68,994,963.98

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 101 GENERAL FUND							
Dept 101 TOWNSHIP BOARD							
101-101-723-000	TOWNSHIP DUES	GR AREA CHAMBER OF COM	ANNUAL DUES & VOLUNTARY FOUNDATION	197184	09/28/23	850.00	
101-101-724-000	EDUCATION- MTA SUE SLATER	MICHIGAN TOWNSHIPS ASS	CC SLATER 2023 CLERKS' PROF DEVELOP	25110	09/28/23	365.00	
101-101-724-000	EDUCATION - MTA CLERKS RET	THE HIGHLANDS AT HARBO	CC SLATER - MTA CLERKS RETREAT AT T	1481CZ	09/28/23	176.32	
101-101-724-000	EDUCATION - G.L.	THE RIGHT PLACE INC	CC ADMIN - THE RIGHT PLACE REGISTRAR	59NDR8XHWF2	09/28/23	49.00	
101-101-862-500	TOWNSHIP BOARD EXPENSE ACC	TACOS EL CUNADO	CC SLATER - DEPUTY CLERK TRAINING	42334C	09/28/23	23.92	
101-101-967-000	SPECIAL PROJECTS - STRATE	MCKENNA ASSOCIATES, IN	PROJECT 21-031 PREPARE & ATTENDANCE	21-031-25	09/28/23	1,000.00	
101-101-967-000	SPECIAL PROJECTS - STRATE	MCKENNA ASSOCIATES, IN	PROJECT 23-040 - PROFESSIONAL SERV	23-040-2	09/28/23	1,092.50	
Total For Dept 101 TOWNSHIP BOARD						3,556.74	
Dept 225 ADMINISTRATIVE							
101-225-724-000	EDUCATION	MISHRM	CC ADMIN - MISHRM CONFERENCE K. MUR	77692123	09/28/23	775.00	
101-225-726-000	EMPLOYEE TRAINING	FRED PRYOR SEMINARS	CC ADMIN - FRED PRYOR BOOK; TRANSIT	20-28006896	09/28/23	199.00	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - OFFICE SUPPLIES	114-4088573-4198	09/28/23	9.97	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - OFFICE SUPPLIES / STOCK	114-5817436-0745	09/28/23	105.98	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - OFFICE SUPPLIES	114-6585253-2301	09/28/23	18.86	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - OFFICE SUPPLIES	114-0181517-2420	09/28/23	45.30	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - USB DRIVES / FILE FOLDER	114-6583801-3507	09/28/23	132.40	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - BLACK TONER	114-2287445-4749	09/28/23	241.35	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - BLUE COLOR PAPER	114-3703970-4824	09/28/23	29.98	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - SD CARD READER / STICKY	114-0210381-6215	09/28/23	9.95	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - FILE FOLDERS/ PENS FOR E	114-3324021-6792	09/28/23	89.32	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - INK PAD REPLACEMENT	114-4844787-9769	09/28/23	58.80	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - BINDERS	114-7042805-3828	09/28/23	45.21	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - PAPER REFUND	114-9528486-1683	09/28/23	(103.57)	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - OFFICE SUPPLIES	114-7315930-9386	09/28/23	42.13	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - 3-PK COLOR INK CARTRIDGE	114-6147082-9593	09/28/23	65.89	
101-225-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - 5-TAB BINDER DIVIDERS	114-7315930-9386	09/28/23	9.67	
101-225-787-000	CC ADMIN - ELECTION POSTE	AMAZON.COM	CC ADMIN - BREAKROOM SUPPLIES / ELE	114-9282228-1481	09/28/23	33.96	
101-225-787-000	CC ADMIN - BREAKROOM SUPPI	AMAZON.COM	CC ADMIN - BREAKROOM SUPPLIES	114-5782162-5459	09/28/23	18.86	
101-225-787-000	MISCELLANEOUS	AMAZON.COM	CC ADMIN - SD CARD READER / STICKY	114-0210381-6215	09/28/23	9.99	
101-225-787-000	MISCELLANEOUS	AMAZON.COM	CC ADMIN - PAPER SUPPLIES FOR KITCH	114-5296194-9767	09/28/23	143.53	
101-225-787-000	CC ADMIN - BREAKROOM SUPPI	AMAZON.COM	CC ADMIN - BREAKROOM SUPPLIES	114-4474578-8231	09/28/23	11.93	
101-225-787-000	CC ADMIN - BREAKROOM SUPPI	AMAZON.COM	CC ADMIN - BREAKROOM SUPPLIES	114-8909339-8580	09/28/23	38.39	
101-225-787-000	CC ADMIN - BREAKROOM STOC	AMAZON.COM	CC ADMIN - BREAKROOM STOCK	114-1462656-9713	09/28/23	12.28	
101-225-787-000	FULL COLOR GLOSSY NAME BAI	CASCADE PRINTING & GRA	(3) FULL COLOR GLOSSY NAME BADGES -	63307	09/28/23	79.52	
101-225-787-000	INTEREST CHARGE - CC CARD	FIRST BANKARD	INTEREST CHARGE - CC CARD 3037	INTEREST	09/28/23	149.06	
101-225-815-000	COMPUTER COSTS-ISP	ARLO TECHNOLOGIES INC	CC ADMIN - ARLO CAMERA SERVICE	AUGUST 2023	09/28/23	12.99	
101-225-815-100	COMPUTER COSTS-WEB SITE	MICROSOFT SOFTWARE	CC ADMIN - I CLOUD SERVICE	ONLINE PYMT	09/28/23	1.99	
101-225-885-000	FALL NEWSLETTER	KENT COMMUNICATIONS IN	FALL NEWSLETTER - PRINTING AND POST	326212	09/28/23	5,637.69	
101-225-939-000	INITIAL PAYMENT	BS&A SOFTWARE	CLOUD CONVERSION PROJECT	149585	09/28/23	7,986.00	
101-225-967-000	SPECIAL PROJECTS - COMMUN	BITLY, INC	CC ADMIN - WEBSITE COMMUNICATION SU	INV00901110	09/28/23	96.00	
101-225-967-000	SPECIAL PROJECTS - COMMUN	MAILCHIMP	CC ADMIN - ESSENTIALS PLAN	MC14671580	09/28/23	72.50	
101-225-967-000	SPECIAL PROJECTS - COMMUN	ZOOM VIDEO COMMUNICATI	CC ADMIN - ZOOM STANDARD PRO MONTHL	INV216087137	09/28/23	294.29	
Total For Dept 225 ADMINISTRATIVE						16,374.22	
Dept 257 ASSESSING							
101-257-724-000	EDUCATION	EXPEDIA	CC GENTER - EXPEDIA RENTAL CAR	72638256608413	09/28/23	279.53	
101-257-724-000	EDUCATION	THRIFTY CAR RENTAL	CC GENTER - CAR RENTAL - SALT LAKE	543904491	09/28/23	130.24	
101-257-724-000	EDUCATION	VRBO	CC GENTER - VRBO RENTAL FOR CONFERE	VRBO # 2958228	09/28/23	779.20	
Total For Dept 257 ASSESSING						1,188.97	
Dept 262 ELECTIONS							
101-262-756-000	ELECTION SUPPLIES	KENT COMMUNICATIONS IN	AV ABSENTEE VOTER BALLOT APPLICATIO	326366	09/28/23	246.77	

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 101 GENERAL FUND							
Dept 262 ELECTIONS							
Total For Dept 262 ELECTIONS						246.77	
Dept 265 BUILDING AND GROUNDS							
101-265-802-200	JANITORIAL & MAINTENANCE	AMAZON.COM	CC ADMIN - BATHROOM STOCK	114-9036708-0568	09/28/23	56.74	
101-265-802-200	JANITORIAL & MAINTENANCE	AMAZON.COM	CC ADMIN - 2 BOTTLE FILTERS	114-8163002-9484	09/28/23	130.44	
101-265-863-000	VEHICLE MAINT	GODWIN ADA VILLAGE HAR	TWO SHARPENERS FOR EQUIPMENT	192315	09/28/23	30.00	
101-265-921-000	103040083240	2894	CONSUMERS ENERGY	CONSUMER ENERGY BILLS FOR MONTH OF	202876906665	09/28/23	35.85
101-265-924-000	COMPLEX PHONES	AT&T	ACCT # 287303607022 - AUG 7 - SEPT	287303607022X914	09/28/23	184.92	
101-265-931-000	COMPLEX MAINTENANCE	AMAZON.COM	CC ADMIN - 4 - 12PGK TREE WATERING	114-5125412-6073	09/28/23	519.96	
101-265-931-000	COMPLEX MAINTENANCE	B&V MECHANICAL INC.	CHECK AIR HANDLER, RESET AIR COMPRE	97452	09/28/23	105.00	
101-265-931-000	COMPLEX MAINTENANCE	BSB COMMUNICATIONS INC	PARTS AND/OR SERVICES PERFORMED FOR	175836	09/28/23	262.50	
101-265-931-000	COMPLEX MAINTENANCE	GOOSE CONTROL OF WEST	GOOSE HAZING 8/15-9/15	230915	09/28/23	400.00	
Total For Dept 265 BUILDING AND GROUNDS						1,725.41	
Dept 446 ROADS							
101-446-818-000	DUST CONTROL LAYER	KENT COUNTY ROAD COMMI	WO 009194	414147	09/28/23	7.78	
Total For Dept 446 ROADS						7.78	
Dept 447 ENGINEERS/ ENGINEERING							
101-447-818-000	CONTRACTED SERVICES	SPAULDING DEDECKER	2023 PATHWAYS IMPROVEMENT: CONSTRU	00095793	09/28/23	32,492.63	
101-447-820-000	390 CY STORM CLEANUP	8/25- PHOENIX RESOURCES LLC	STORM CLEANUP DUMPSTER/ SPRING CLEA	230090 & 230092	09/28/23	10,720.00	
101-447-860-000	ENGINEERING MILEAGE	ARIC THORNE	REIMBURSE 134 MILES - ARIC THORNE	MILEAGE AUG/SEPT	09/28/23	87.77	
Total For Dept 447 ENGINEERS/ ENGINEERING						43,300.40	
Dept 701 PLANNING							
101-701-723-000	COMM DEV MEMBERSHIPS AND I	AMERICAN PLANNING ASSO	CC HILBRANDS - APA MEMBERSHIP	3392669	09/28/23	580.00	
101-701-724-000	EDUCATION	GRAND TRAVERSE RESORT	CC HILBRANDS - ROOM RESERVATION FOR	H4872RLF	09/28/23	195.00	
101-701-724-000	EDUCATION	GRAND TRAVERSE RESORT	CC HILBRANDS - ROOM RESERVATION FOR	PCLFMXGP	09/28/23	195.00	
101-701-724-000	EDUCATION	GRAND TRAVERSE RESORT	CC HILBRANDS - ROOM RESERVATION FOR	XIRJ14BG	09/28/23	195.00	
101-701-809-000	PLANNING/ ZONING SUPPLIES	AMAZON.COM	CC ADMIN - LAPTOP BAG	114-3354892-5236	09/28/23	21.99	
Total For Dept 701 PLANNING						1,186.99	
Dept 756 PARKS							
101-756-756-000	SYCAMORE-CASCADE REC	CALVIN UNIVERSITY	NATIVE TREES FOR DTE GRANT & WYCLIF	NATIVE TREES	09/28/23	1,955.00	
101-756-935-000	PARK MAINTENANCE	AMAZON.COM	CC ADMIN - 10 RACQUET ART DAUB-IT E	114-2481765-9193	09/28/23	119.90	
101-756-935-000	PREP & PAINT BENCHES AND I	SPEESE PAINTING CO., L	PAINTING AT TASSELL- BENCHES & SIGN	46085	09/28/23	4,720.00	
101-756-935-000	PARK MAINTENANCE	THORNAPPLE RIVER NURSE	CC MANION - TREES FOR CASCADE PARK	163078	09/28/23	535.00	
101-756-935-000	NATIVE PLANTS FOR TASSELL	WILDTYPE DESIGNS, NATI	NATIVE PLANTS FOR VARIOUS SITES	FM9564/ FM9566	09/28/23	590.12	
Total For Dept 756 PARKS						7,920.02	
Dept 803 HISTORICAL							
101-803-880-000	COMMUNITY PROMOTION	CASCADE HISTORICAL SOC	CASCADE HISTORICAL SOCIETY COMMITME	COMMITMENT 2023	09/28/23	7,000.00	
101-803-961-000	MUSEUM MAINTENANCE	B&V MECHANICAL INC.	INSTALLATION AND PICKUP OF CONSENSA	97655	09/28/23	142.50	
Total For Dept 803 HISTORICAL						7,142.50	
Total For Fund 101 GENERAL FUND						82,649.80	
Fund 206 FIRE FUND							
Dept 336 FIRE DEPARTMENT							
206-336-725-000	FIRE TUITION - M. POOLMAN	POOLMAN, MICHAEL	REIMBURSE TUITION: BUS 3602 PRINCIP	REIMBURSE TUITION	09/28/23	945.00	
206-336-726-000	FIRE ACADEMY KENT COUNTY	KENT COUNTY FIRE CHIEF	KENT COUNTY FIRE ACADEMY 2 STUDENTS	KCFC REGISTRATIO	09/28/23	2,500.00	
206-336-727-000	FIRE OFFICE SUPPLIES	SMART BUSINESS SOURCE	FIRE DEPT OFFICE SUPPLIES	WO-180012-1	09/28/23	105.21	
206-336-727-000	FIRE OFFICE SUPPLIES	SMART BUSINESS SOURCE	FIRE DEPT OFFICE SUPPLIES	WO-167531-1	09/28/23	53.42	
206-336-738-000	FIRE MAINT SUPPLIES	ULINE	PAPER TOWEL, TIDE PODS, 13 GAL .8MI	168122500	09/28/23	351.38	

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 206 FIRE FUND							
Dept 336 FIRE DEPARTMENT							
206-336-745-000	FIRE FUELS	FUEL MANAGEMENT SYSTEM	ACCT# 1-00706 / DEF FUEL	204671	09/28/23	120.61	
206-336-752-000	SUPPLIES	NAPA AUTO PARTS	TRUCK # 3 BATTERY	4324-028032	09/28/23	203.69	
206-336-752-100	MEDICAL SUPPLIES	J&B MEDICAL SUPPLY	MEDICAL SUPPLIES: LUCAS 3 SUCTION C	1575687	09/28/23	376.06	
206-336-768-000	FIRE UNIFORMS	GRX GROUP, LLC	UNIFORMS	24404	09/28/23	305.00	
206-336-787-000	MISCELLANEOUS	JIMMY JOHNS	CC ADMIN - JIMMY JOHNS FOR FIREFIGHT	49442G	09/28/23	75.31	
206-336-790-000	FIRE PREVENTION - INVESTIC	NATIONAL FIRE PROTECTI	CC MAGERS - INSPECTOR 2 TEST FEE	0000000102329698	09/28/23	399.00	
206-336-802-000	CONTRACTUAL SERVICES	CENTER FOR PHYSICAL RE	ATHLETIC HOURS - FIRE DEPT 9/14/23	00000001484	09/28/23	1,497.00	
206-336-863-000	VEHICLE MAINT	CASCADE AUTOMOTIVE SER	MAINTENANCE: WIRE SECONDARY BATTERY	68246	09/28/23	857.52	
206-336-863-000	VEHICLE MAINT	KENT RUBBER SUPPLY - G	CC ADMIN - 4" WATER S&D HOSE / T-BO	00612618	09/28/23	62.70	
206-336-863-000	CC MAGERS - CAR WASH MTHLY	TOMMY'S EXPRESS CAR WA	CC MAGERS - CAR WASH MONTHLY SERVIC	SEPTEMBER 2023	09/28/23	148.95	
206-336-936-002	FIRE STATION MAINT/BUTTRI	(ADVOWASTE MEDICAL SERV	MEDICAL WASTE	165493	09/28/23	220.00	
206-336-936-002	CC MAGERS - STATION 2 BLIN	LOWE'S	CC MAGERS - STATION 2 BLINDS	46755G	09/28/23	43.98	
206-336-936-002	FIRE STATION MAINT/BUTTRI	(OVERHEAD DOOR CO OF GR	MAINTENANCE: LUBRICANT, TRUCK CHARG	INV268288	09/28/23	363.90	
Total For Dept 336 FIRE DEPARTMENT						8,628.73	
Total For Fund 206 FIRE FUND						8,628.73	
Fund 208 OPEN SPACE FUND							
Dept 751 OPEN SPACE PRESERVATION							
208-751-935-000	PARK MAINTENANCE	GORDON FOOD SERVICE ST	CC ADMIN - SNACK FOR VOLUNTEERS AT	13319G S5	09/28/23	104.57	
208-751-935-000	PARK MAINTENANCE	MEIJER INC	CC ADMIN - EQUIPMENT FOR WORK AT PE	18215G	09/28/23	332.47	
208-751-935-000	PARK MAINTENANCE	THORNAPPLE RIVER NURSE	BARK MULCH	163391	09/28/23	58.00	
208-751-935-000	PARK MAINTENANCE	THORNAPPLE RIVER NURSE	CRUSHED STONE FOR WATER BARS AT PEA	163407	09/28/23	124.00	
208-751-935-000	PARK MAINTENANCE	TRACTOR SUPPLY CO	CC ADMIN - HERBICIDE FOR INVASIVE T	70820G	09/28/23	69.99	
Total For Dept 751 OPEN SPACE PRESERVATION						689.03	
Dept 990 DEBT SERVICE							
208-990-993-201	BOND INTEREST REFINANCE	CHASE BANK	CUST. # 452008288001 / COMMERCIAL L	0000001860	09/28/23	14,323.34	
Total For Dept 990 DEBT SERVICE						14,323.34	
Total For Fund 208 OPEN SPACE FUND						15,012.37	
Fund 230 THORNAPPLE RIVER IMPROVEMENT FUND							
Dept 444 S/A IMPROVEMENT FUNDS							
230-444-816-000	WEED CONTROL WITH HERBICII	PLM LAKE AND LAND MANA	WEED CONTROL FOR THE THORNAPPLE RIV	3011167	09/28/23	1,474.60	
Total For Dept 444 S/A IMPROVEMENT FUNDS						1,474.60	
Total For Fund 230 THORNAPPLE RIVER IMPROVEMENT F						1,474.60	
Fund 248 DDA							
Dept 190 DDA OPERATIONS/CONSTRUCTION							
248-190-931-300	DDA REPAIR & MAINT- METRO	JOHN KNOPPERS	REIMBURSE JOHN KNOPPERS FOR SAFETY	REIMBURSEMENT	09/28/23	61.98	
248-190-931-300	DDA REPAIR & MAINT- METRO	UNITED RENTALS	CC ADMIN - UNITED RENTALS- GENERATO	NO RECEIPT	09/28/23	608.40	
248-190-967-000	SPECIAL PROJECTS-DDA LIGH	MCKENNA ASSOCIATES, IN	PROJECT 22-054 - DDA STATGIC PLAN	22-054-27	09/28/23	1,447.50	
248-190-967-000	SPECIAL PROJECTS-DDA LIGH	MCKENNA ASSOCIATES, IN	PROJECT 22-053 -PREPARE FOR STRATEG	22-053-10	09/28/23	300.00	
248-190-967-002	NATIVE PLANTS FOR MEDIANS	WILDTYPE DESIGNS, NATI	NATIVE PLANTS FOR VARIOUS SITES	FM9564/ FM9566	09/28/23	144.76	
Total For Dept 190 DDA OPERATIONS/CONSTRUCTION						2,562.64	
Total For Fund 248 DDA						2,562.64	
Fund 249 BUILDING FUND							
Dept 000							
249-000-237-000	DUE TO I.R.F.- S&W CONNECT	CASCADE CHARTER TOWNSH	SEWER AND WATER CONNECTIONS -6390 C.	P# 3286	09/28/23	2,200.00	
249-000-607-400	MECHANICAL PERMITS	KENTWOOD PLUMBING	REFUND PM23002558/ KENTWOOD PLUMBING	REFUND PERMIT FEI	09/28/23	25.00	

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
Fund 249 BUILDING FUND							
Dept 000							
						2,225.00	
Total For Dept 000							
Dept 371 BUILDING DEPARTMENT							
249-371-723-000	MEMBERSHIPS AND DUES	INTERNATIONAL ASSOCIAT	CC WILSON - INTERNATIONAL ASSOC. OF	300026480	09/28/23	120.00	
249-371-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - 2 ELECTRONIC DUSTERS	114-0230004-7133	09/28/23	48.00	
249-371-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - WIDE FORMAT PAPER	114-4645836-0655	09/28/23	30.15	
249-371-727-000	OFFICE SUPPLIES	AMAZON.COM	CC ADMIN - BLDG DEPT - CAD BOND ROL	114-2565652-2531	09/28/23	94.99	
249-371-787-000	CC ADMIN - BREAKROOM SUPPI	AMAZON.COM	CC ADMIN - BREAKROOM SUPPLIES / ELE	114-9282228-1481	09/28/23	12.49	
249-371-787-000	MISCELLANEOUS	AMAZON.COM	CC ADMIN - PAPER SUPPLIES FOR KITCH	114-5296194-9767	09/28/23	26.41	
249-371-787-000	CC ADMIN - BREAKROOM SUPPI	AMAZON.COM	CC ADMIN - BREAKROOM SUPPLIES	114-0429104-8061	09/28/23	17.29	
249-371-924-000	CC WILSON - J2 EFAX SERVI	J2 GLOBAL	CC WILSON - J2 EFAX SERVICES	AUGUST 2023	09/28/23	18.99	
249-371-924-000	CC WILSON - J2 EFAX SERVI	J2 GLOBAL	CC WILSON - J2 EFAX SERVICES	SEPTEMBER 2023	09/28/23	18.99	
249-371-939-000	INITIAL PAYMENT	BS&A SOFTWARE	CLOUD CONVERSION PROJECT	149585	09/28/23	16,214.00	
249-371-939-000	SERVICE CONTRACTS	FIRST CHOICE COFFEE SE	MONTHLY COFFEE SUPPLIES	938752	09/28/23	176.74	
						16,778.05	
Total For Dept 371 BUILDING DEPARTMENT							
						19,003.05	
Total For Fund 249 BUILDING FUND							
Fund 403 FIRE STATION #1: CONSTRUCTION FUND- BOND							
Dept 901 CAPITAL OUTLAY							
403-901-975-000	BUILDING ADDITIONS & IMPROV	PODIUMS DIRECT CORPORA	CC MAGERS - NEW STATION PODIUM	337244	09/28/23	677.38	
403-901-975-000	BUILDING ADDITIONS & IMPROV	TRIANGLE ASOCIATES	CASCADE FIRE STATION NO. 1/ W/ SUBC	PYMT APPL 12	09/28/23	1,085,179.77	
						1,085,857.15	
Total For Dept 901 CAPITAL OUTLAY							
						1,085,857.15	
Total For Fund 403 FIRE STATION #1: CONSTRUCTION :							

INVOICE GL DISTRIBUTION REPORT FOR CASCADE CHARTER TOWNSHIP
 POST DATES 09/28/2023 - 09/28/2023
 BOTH JOURNALIZED AND UNJOURNALIZED
 OPEN AND PARTIALLY PAID

GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #	
Fund Totals:								
			Fund 101 GENERAL FUND			82,649.80		
			Fund 206 FIRE FUND			8,628.73		
			Fund 208 OPEN SPACE FUND			15,012.37		
			Fund 230 THORNAPPLE RIVER IMPROVEMENT			1,474.60		
			Fund 248 DDA			2,562.64		
			Fund 249 BUILDING FUND			19,003.05		
			Fund 403 FIRE STATION #1: CONSTRUCTIO			1,085,857.15		
Total For All Funds:							1,215,188.34	
--- TOTALS BY GL DISTRIBUTION ---								
	101-101-723-000		TOWNSHIP DUES			850.00		
	101-101-724-000		EDUCATION- MTA SUE SLATER			590.32		
	101-101-862-500		TOWNSHIP BOARD EXPENSE ACCOUNT			23.92		
	101-101-967-000		SPECIAL PROJECTS - STRATEGIC PLAN			2,092.50		
	101-225-724-000		EDUCATION			775.00		
	101-225-726-000		EMPLOYEE TRAINING			199.00		
	101-225-727-000		OFFICE SUPPLIES			801.24		
	101-225-787-000		CC ADMIN - ELECTION POSTER PUTTY			497.52		
	101-225-815-000		COMPUTER COSTS-ISP			12.99		
	101-225-815-100		COMPUTER COSTS-WEB SITE			1.99		
	101-225-885-000		FALL NEWSLETTER			5,637.69		
	101-225-939-000		INITIAL PAYMENT			7,986.00		
	101-225-967-000		SPECIAL PROJECTS - COMMUNICATIONS CONS			462.79		
	101-257-724-000		EDUCATION			1,188.97		
	101-262-756-000		ELECTION SUPPLIES			246.77		
	101-265-802-200		JANITORIAL & MAINTENANCE			187.18		
	101-265-863-000		VEHICLE MAINT			30.00		
	101-265-921-000		103040083240	2894 THORNAPPLE R		35.85		
	101-265-924-000		COMPLEX PHONES			184.92		
	101-265-931-000		COMPLEX MAINTENANCE			1,287.46		
	101-446-818-000		DUST CONTROL LAYER			7.78		
	101-447-818-000		CONTRACTED SERVICES			32,492.63		
	101-447-820-000		390 CY STORM CLEANUP 8/25-9/1/23			10,720.00		
	101-447-860-000		ENGINEERING MILEAGE			87.77		
	101-701-723-000		COMM DEV MEMBERSHIPS AND DUES			580.00		
	101-701-724-000		EDUCATION			585.00		
	101-701-809-000		PLANNING/ ZONING SUPPLIES			21.99		
	101-756-756-000		SYCAMORE-CASCADE REC			1,955.00		
	101-756-935-000		PARK MAINTENANCE			5,965.02		
	101-803-880-000		COMMUNITY PROMOTION			7,000.00		
	101-803-961-000		MUSEUM MAINTENANCE			142.50		
	206-336-725-000		FIRE TUITION - M. POOLMAN			945.00		
	206-336-726-000		FIRE ACADEMY KENT COUNTY			2,500.00		
	206-336-727-000		FIRE OFFICE SUPPLIES			158.63		
	206-336-738-000		FIRE MAINT SUPPLIES			351.38		
	206-336-745-000		FIRE FUELS			120.61		
	206-336-752-000		SUPPLIES			203.69		
	206-336-752-100		MEDICAL SUPPLIES			376.06		
	206-336-768-000		FIRE UNIFORMS			305.00		
	206-336-787-000		MISCELLANEOUS			75.31		
	206-336-790-000		FIRE PREVENTION - INVESTIGATION			399.00		
	206-336-802-000		CONTRACTUAL SERVICES			1,497.00		
	206-336-863-000		VEHICLE MAINT			1,069.17		
	206-336-936-002		FIRE STATION MAINT/BUTTRICK			627.88		
	208-751-935-000		PARK MAINTENANCE			689.03		
	208-990-993-201		BOND INTEREST REFINANCE			14,323.34		
	230-444-816-000		WEED CONTROL WITH HERBICIDE & HARVEST			1,474.60		

INVOICE GL DISTRIBUTION REPORT FOR CASCADE CHARTER TOWNSHIP
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GL Number	Inv. Line Desc	Vendor	Invoice Desc.	Invoice	Due Date	Amount	check #
		248-190-931-300	DDA REPAIR & MAINT- METRO CRUISE WU			670.38	
		248-190-967-000	SPECIAL PROJECTS-DDA LIGHTING/DECOR			1,747.50	
		248-190-967-002	NATIVE PLANTS FOR MEDIANS			144.76	
		249-000-237-000	DUE TO I.R.F.- S&W CONNECTIONS			2,200.00	
		249-000-607-400	MECHANICAL PERMITS			25.00	
		249-371-723-000	MEMBERSHIPS AND DUES			120.00	
		249-371-727-000	OFFICE SUPPLIES			173.14	
		249-371-787-000	CC ADMIN - BREAKROOM SUPPLIES			56.19	
		249-371-924-000	CC WILSON - J2 EFAX SERVICES			37.98	
		249-371-939-000	INITIAL PAYMENT			16,390.74	
		403-901-975-000	BUILDING ADDTIONS & IMPROVEMENTS			1,085,857.15	

MEMORANDUM

To: Cascade Charter Township Board
From: Brian Hilbrands, Planning Director
Subject: Consider Type II Special Use Permit for a Commercial Composting Operation
Meeting Date: September 27, 2023

The applicant is requesting approval of a Type II special use permit for a commercial composting operation to be located at 5745 Whitneyville Avenue. The application was previously reviewed by the Township Board at the June 28 and July 26 meetings and after the July 26 meeting the Board decided to send it back to the Planning Commission for further review and consideration. The Board expressed concern regarding retail sales on site and the traffic that might bring, as well as potential negative effects to neighboring properties. The Board requested that the Planning Commission consider including additional conditions of approval to address these concerns.

The Planning Commission reviewed the application and held a second public hearing at the September 11 meeting. The draft minutes from the public hearing are included in the meeting packet. The applicant also submitted an additional letter dated July 8, 2023 that includes additional information to address some of the concerns that have been brought up at previous meetings.

Originally there were eight conditions of approval that were recommended to the Township Board. After hearing the Board's concerns, four additional conditions (#9-#12) have been added for a total of 12:

1. The applicant complies with the Township Engineer letter dated May 15, 2023, and all necessary permits are obtained before construction begins.
2. Record the stormwater maintenance agreement.
3. Any work within the right-of-way receives approval from KCRC and a driveway permit is obtained.
4. The applicant receives all necessary state, county, and local permits, and must still register with the EGLE Material Management Division (EGLE MMD) if there is no additional state permit required. The applicant shall also provide a copy of the Compost Site Management Plan to the Township. The operation must comply with all state, county, and local standards, rules, and regulations.
5. The site continues to meet all the special use requirements of Section 17.07(2)(t) of the zoning ordinance. This includes the requirement that the applicant return to the Planning Commission for an annual review for a minimum of two years after receiving

the special land use permit, and thereafter at the discretion of the Planning Commission, and that the applicant shall keep an inventory log showing the amount of composting intake and the total composting output, which shall be provided to the Planning Commission at the annual review and as otherwise requested by the Township. The Township reserves the right to add additional conditions during the first two years of reviews.

6. Provide an enclosed building for machinery as soon as practicable, and carry through on site improvements, including but not limited to, a biodiversity pond, 2 acres of pollinator habitat, 1 acre of total trees, 4 acres of biodynamic accumulator crops, and a ½ acre educational garden and orchard, as soon as practicable, while the 2-acre tree line is to remain intact and managed.
7. There will be no more than 3,000 cubic yards of compost intakes per year.
8. The Township must be notified upon any sale of the property. On sale of the property, the review provisions of condition 5 will be reactivated for the new owner(s).
9. No drop off of food scraps by third-parties is permitted. Food scraps may only be brought to the site by applicant's company vehicles. No meat or animal parts may be included as composting intakes.
10. Retail sales on site are limited to the hours of 11:00am – 3:00pm, and appointment only outside of those hours.
11. The sign area of the permitted freestanding ground sign shall not exceed 30 square feet.
12. If the composting operation is discontinued, any contamination and all composting material and intakes must be remediated and removed off of the site.

After holding the public hearing, the Planning Commission recommended approval of the special use permit by a 6-0 vote with the 12 conditions listed above.

Attachments: 7/8/23 Applicant Letter

Comments Received at and Draft Minutes of Public Hearing at 9/11 PC Meeting

6/19 Planning Commission Staff Report

Standards of Section 17.07.2.t.

Application

Site plan

Township Engineer letter

Minutes of Public Hearing at 6/19 PC Meeting



July 8, 2023

Board of Trustees
Cascade Township

Brian Hilbrands
Planning Director
Cascade Township

RE: Case 22-3746/Luis Chen

Dear Brian and Board of Trustees,

I received your written notice following our June 28 meeting. Please find below my response to the three items requested by Brian Hilbrands to help expedite the review process.

I am also thankful for your time during the meeting and your willingness to look further into my application. Respectfully I would like to ask you to consider the following:

1. The time and money I have spent in this process, conservatively \$45,000 already spent on site planning and design which includes engineers, geotechnical analysis, lawyers and consultants. Also the loss of revenue over the past two years, estimated at \$220,000. I am committed to being a valued member of Cascade Township and prove my vision of a composting farm in complete harmony with nature and the community. However the further we extend this process the more it negatively affects me. I am now at risk of losing \$266,000 of grant money that was awarded by EGLE (Michigan Department of Environment, Great Lakes and Energy) expiring in December 2023 if not used, to develop this beautiful compost farm concept.

2. I have been thorough on my planning and proceeding with the township. I approached the township prior to purchasing the property seeking guidance on steps and I have followed your requests.

3. My project proposal, site design and operations have been reviewed and recommended for approval by the township planning commission and members of the special committee organized to create the ordinance. From April to August 2022 the planning commission and special committee consulted and became acquainted with our project to provide an informed decision in favor of our operation.

4. A cease and desist letter was issued from township attorney Mike Homier regarding a zoning violation. It is important for our record to clarify that we did not cause a nuisance. A neighbor's

dog trespassed over 300 feet into our property and was rolling in our piles of pre-composted material in the process of relocation from our old site. A pile of compost is acceptable and expected in an agricultural property. This event triggered further review of our operation.

5. Negative comments from neighbors at the planning commission meeting on June 22 and then trustees meeting on June 28 were clearly misinformed opinions and without consideration to read our 4 page site plan application. Almost all concerns and questions from neighbors can be addressed on the site plan application. We also submitted a 24 page project proposal that has been available at the township website since May 2022.

6. I have provided the township with industry professional counsel to further understand my project. Aaron Hiday / Michigan Director and regulator of composting operations was present at two of the meetings. He talked about the low nuisance risks of our site plan and nuisance mitigation measures we are implementing. It is not in his best interest to advocate for a facility with a potential to fail. Aaron spoke in favor of my experience as a compost operator and our proposed site design at the Cascade location.

I brought Amy Freeman to the board of trustees meeting. A 30 year industry professional. She is a former director of a large scale composting operation located in Genesee County MI, Country Oaks. She is also on the board of directors of the Michigan Organics Council, a MI chapter of the US Composting Council. She explained our operation and size classification as a "community composter". She is available to further talk about risks of nuisances and any questions you may have. Her email organicsmaven@gmail.com

7. According to the Appraisal Institute (<https://www.appraisalinstitute.org>) neighbor property values are affected by the conditions of nearby properties and the value of nearby properties. Our permits, licensing or business organization is not a consideration for the value estimation of neighboring homes. It is how our property looks and any nuisances present. Please refer to our nuisance elimination measures presented below and our site beautification with landscaping. The value of our property will significantly increase once we add the driveway, electricity, well and the pond. With these additions to our property it is then a fact that our property value will increase, hence positively affecting the value calculation of neighboring homes. Related article: <https://www.atlanticbay.com/knowledge-center/neighbors-affect-property-value/>

8. Sadly most people's only understanding of waste management is limited to a landfill, which is why they are fearful and ignorant and can't understand that there is a proper, clean, holistic way to attend to organic waste material- which is composting. It is nothing like a landfill. It is aligned with nature. The lack of exposure to this modality is symptomatic of how out of touch we are with healthy environmental practices. One example of how unthreatening the veggie scraps are in populated areas is our self-drop-off hubs where we keep 20 gal bins for members to drop off their food scraps. Our oldest self-drop-off hub has been running for over two years without any nuisances. All of these hubs are in partnership with businesses that host the collection bins.

In response to Brian Hilbrands three items request to expedite the process of review by the board of trustees:

A breakdown of the daily traffic that can be expected on site once it is fully operational. This should include the number of employee vehicles entering the site, the expected number of customer vehicles entering the site, and what the expected delivery schedule will look like composting intakes. Will there be daily drop-offs of composting intakes such as food scraps, or weekly drop-offs of larger quantities such as wood chips or manure?

Once the site is fully operational this is the traffic we expect:

- Already submitted to the township. Page 1 of our site plan. More details:
- Daily (Mon-Fri) a total of 2 cars owned by Wormies or its staff going into the property once and then leaving the property. We do not expect these 2 cars to be going in and out of the property more than once per day.
- Expected number of customer vehicles will be for bulk sales of compost. We foresee an average of 2 vehicles (pickup trucks) per day during the low season (Sept-Feb) and an average of 5 vehicles (pickup trucks) during the busy season (Mar-Aug).
- Composting intake schedule: 1) Mon-Thu for food scraps from Wormies vehicles only. Pickup trucks size F150 and F250 leave the site at 7am and return at 7pm. 2) wood chips and manure will be coming from neighboring farm Melody Bee Farms once per month.
- Considering it is a 13.4 acre plot our expected traffic possesses no burden to current road traffic. Another agricultural operation or ARC approved use of land possesses a greater potential for more traffic than what we propose.

A narrative describing in detail what measures you will be taking to eliminate noxious odors from leaving the site, as well as how any potential airborne and waterborne contaminants are prevented from leaving the site and affecting any neighboring properties. Some of this information may already be required when you apply for an EGLE permit, so it would be helpful if you could submit it to us now.

Noxious odors are not a part of our regular daily operation and we do not have to deal with that sort of issue as part of our regular operation. Though we do not expect noxious odors to be present either coming from our intake material or output material we have measures in place to prevent and eliminate in the case it happens:

Preventative measures for noxious odors:

1. We accept vegetables scraps only. No meat or animal parts.
2. We are a micro-hauling operation. 5gal or 20gal size bins are picked up by Wormies staff at customer locations. At this point an assessment is made by our driver on the conditions of the material. If bins are putrid and with noxious odor it is left at the customer location for landfill disposal.

3. The volume of food scraps brought to our site at once in our pickup truck averages 1 cubic yard. This is easily mixed with carbon material and covered within 10 minutes. We use a tractor or skid steer for this task. Two skid steer buckets (1 cubic yard) of carbon material such as woodchips is mixed per 1 cubic yard of food scraps.

4. Woodchips, sawdust and Biochar (charcoal) will be available at all times for odor elimination purposes. If there is ever the need to cover or mix material that has a noxious odor. These materials due to their high porosity are highly effective in absorbing any smells and liquids.

5. Our farm and compost piles are physically monitored and supervised twice daily by Wormies staff trained by US Composting Council as Compost Facility Operators. Trained supervision is present when receiving, mixing and moving raw materials.

6. The maximum size and capacity of our active composting phase is 200 cubic yards. In the case of noxious odor this active pile can easily be covered with carbon material to eliminate odor or it can be removed from the site within 24 hrs using 50 cubic yd containers, removal with an estimated cost of \$4,000. Tractor operators from Wormies staff are available 24x7 to execute odor elimination measures such as adding carbon material to the pile or removing material from the farm.

7. An odor is the vaporization of a volatile chemical compound. Naturally this odor or gas will travel up and out of a pile if not captured by available carbon material. Our active piles contain an average of 50% carbon material as part of our composting recipe. Carbon material, such as woodchips absorbs potential gas. Once the pile is built, it is topped with a layer of finished compost for the purpose of bio-filtration, and moisture retention. In addition any inadvertent odor being released from the pile is blocked by the covering on top of our active compost bays and it will drip back into the piles. This is an intentional part of our Aerated Compost system designed by Peter Moon from O2 Compost.

8. Above mentioned measures 1 to 7 are well above Best Management Practices. We operate and we are regulated as a commercial composter but we handle volumes that are considerably smaller than a commercial composter and smaller than an on-farm composting operation allows. Hence our risks are considerably less than an average commercial composter.

9. Composting is an aerobic process. It requires oxygen for aerobic organisms to survive and work through these organic materials (food waste). Worms, roly-poly, rove beetles, millipedes and centipedes are some of the aerobic organisms that you will find in our windrows (piles). These organisms are not attracted and will not survive in anaerobic environments.

10. Anaerobic environments is what happens at the landfill due to the presence of inorganic material such as plastics & metals, when mixed with organic material such as food waste, the food waste decomposes anaerobically due to the lack of oxygen that can't travel freely through those piles. A different set of organisms thrive in an anaerobic environment, such as maggots and flies. We do not have anaerobic environments.

11. In 6 years of operation we have never had nuisance issues of smell, pest attraction or noise. We take pride in working in complete harmony with nature and our surroundings.

12. We provide an aerobic environment to our compost process with our composting recipe with at least a 50:50 ratio of carbon to nitrogen material.

13. We provide an aerobic environment to our compost process by placing pipes that blow air underneath our active piles. These pipes provide oxygen from underneath the piles, preventing it from becoming anaerobic. This system of composting is called "forced aeration".

14. Vegetative filters such as trees is the most effective way to dissipate odors molecules in the air. The job of trees is to filter and improve air quality through their leaves. The entire perimeter of our property is already surrounded by 15 to 20 feet buffer of trees of different kinds. We have also plans to plant over 200 trees (100 already planted) as part of the regenerative practices that supports our compost operation.

Preventing airborne and waterborne contaminants from leaving the site:

1. Our compost area was professionally designed by licensed engineers at RRS (Resource Recycling Systems). RRS is a leading recycling and composting consulting and engineering firm with projects all over the world. Including the design of Grand Rapids Butterworth compost site. They are headquartered in Ann Arbor. <https://recycle.com/about-us/>

2. Our Covered Aerated Static Pile Compost System was designed by Peter Moon from O2 Compost. Cutting edge composting system recognized globally. <https://www.o2compost.com>

From O2 Compost Website:

WHY IS THE O2COMPOST SYSTEM BETTER?

- * Mitigates impacts to surface and ground water resources
- * Produces high quality compost in 30 - 60 day
- * Eliminates pathogens, parasites, and weed seeds
- * No odors, no impact to air quality, reduced volatile organic compounds and greenhouse gases
- * No Vectors like rodents, flies, and birds
- * No pile turning. Greatly reduced cost of labor, fuel, and equipment use / maintenance

3. Per page 1 of our site plan submitted to the township and reviewed by township engineers and the planning commission: The first phase (active phase) of composting will occur within a covered aerated static pile system on an engineered surface comprised of 6 inches of asphalt overlaying a compacted base of engineered fill. This type of construction makes rainfall runoff and compost material management efficient throughout the year and ensures that the entire facility is accessible in all weather conditions. All-weather access provided by an engineered surface facilitates compost management without gravel entering the streams and promotes the quick drainage of runoff waters from beneath the compost piles. Drainage structures will convey water away from the piles and direct it to a lined catchment area or collection basin. The lined catchment area (no outlet and no groundwater discharge) with volume capacity for a 100 year 24-hour storm is proposed to catch compost leachate or "wastewater" from the composting pad. The stormwater from the other proposed structures and paved parking of the site will be directed around and beyond the compost pad and lined catchment basin to infiltrate and flow

overland to the stormwater retention pond in the SW, also designed for a 100 year 24-hour storm. The proposed retention pond and stormwater will not disturb the existing wetland on the adjacent property to the NW and the compost pad is at least 200 feet from the surface water/wetland (as required by the EGLE compost site regulations). The water table at the location of the proposed retention pond should be at least 18" below the retention pond and at least 4' below the asphalt compost pad. The compost pad surface is sloped at 1-2% to facilitate runoff between bays. Site operators will regularly inspect the pad surface to manage the water runoff. The engineered, impervious compost pad and compost "wastewater" catchment basin pond meets the requirements for composting as required by the Michigan Department of Great Lakes, Environment and Energy (EGLE). The proposed compost pad, typical CASP system stormwater design calculations are shown in site plan sheets 2,3 and 4.

4. Pre-composted material is then setup in covered windrows for further curing with worms. The covering on the windrows acts as prevention for runoff water in the event of rain and it also protects our worms from heat, water and sunlight. At this stage of our process the composted material acts as a sponge rather than releasing any moisture into the ground. Though no water is expected to runoff the windrows, the area where the windrows are placed is sloped to direct runoff water into our pond.

5. The trees and field crops planted on the property help limit stormwater runoff. As part of our composting operation we keep the soil in our property protected and lively with cover crops, shrubs and trees.

5. Measures 1 to 14 for noxious odors explained above also apply on preventing airborne contaminants from leaving the site and affecting neighboring properties.

6. The composting process is classified as non-hazardous by the EPA and the food waste, wood waste and manures that we use is also classified as "non-hazardous wastes". These waste might have the potential to be obnoxious if not managed, but it isn't inherently harmful. There is a much more higher risks to human and environmental health when using household products such as RoundUp.

7. The size of our operation does not require the use of heavy duty equipment that can cause dust. Our regular operation does not require the use of shredders, large loaders, semi trucks, bulldozers or excavators. We use a small tractor (Kubota LA525), a skidsteer (CASE TR310), two pickup trucks and a trailer.

If you are aware of any studies done on similar composting operations that demonstrate how they may or may not affect neighboring properties I believe the Board members would be interested in seeing those as well.

The scale of our compost operation and the model of our business is classified by ILSR (Institute for Local Self Reliance) as a "Community Composting Operation". ILSR is a national research and advocacy organization dedicated to building an American economy driven by local priorities and accountable to people and the planet.

From ILSR, list of community composters nationwide, including Wormies:
<https://ilsr.org/composting/community-composter-coalition/>

Examples of community composters located in expensive neighborhoods or densely populated areas:

- Community Compost Co. <https://www.hudsonsoil.com> Located in Hudson Valley NY at 5941 Route 209, Kerhonkson, NY. They have been in business since 2016. Their closest residential neighbor is less than 500 ft away. Average residential property value is \$1,200,000.
- Red Hook Compost / The NYC Compost Project <http://www.added-value.org/compost> Located at 103 Ostego St, Brooklyn NY. They have been operating since 2015. The largest community composting program in the US processing over 225 tons/year. The median price of a residential property in Brooklyn NY is \$840,000.
- Bennett Compost <https://www.bennettcompost.com/home#our-story> Located at 5650 Rising Sun Ave, Philadelphia PA. Operating since 2009. Median price of residential properties in that block is \$360,000.

From ILSR: <https://ilsr.org/composting/what-is-community-composting/>

What is community composting?

Composting can take place at many levels – backyard, block, neighborhood, schoolyard, community, and regional – and in urban, suburban, and rural areas. There are many methods and sizes. Large-scale centralized facilities can serve wide geographic areas and divert significant quantities of organic materials from disposal. Composting locally at the neighborhood or community-level yields many other benefits: social inclusion and empowerment, greener neighborhoods, improved local soils, enhanced food security and fewer food deserts, less truck traffic hauling garbage, more local jobs, and increased composting know-how and skills within the local workforce that is reinforced in the next generation. When composting is small-sized and locally based, community participation and education can flourish. When materials are collected and transported out of the community for processing, few if any of these benefits are realized at the local level. In addition, community-scale operations can move from concept to operation in a relatively short time frame. And community composting can build critical support for and participation in future citywide food scrap recovery programs.

Guiding Principles of Community Composting:

- Resources recovered: Waste is reduced; food scraps and other organic materials are diverted from disposal and composted.
- Locally based and closed loop: Organic materials are a community asset, and are generated and recycled into compost within the same neighborhood or community.
- Organic materials returned to soils: Compost is used to enhance local soils, support local food production, and conserve natural ecology by improving soil structure and maintaining nutrients, carbon, and soil microorganisms.

- Community-scaled and diverse: Composting infrastructure is diverse, distributed, and sustainable; systems are scaled to meet the needs of a self-defined community.
- Community engaged, empowered, and educated: Compost programming engages and educates the community in food systems thinking, resource stewardship, or community sustainability, while providing solutions that empower individuals, businesses, and institutions to capture organic waste and retain it as a community resource.
- Community supported: Aligns with community goals (such as healthy soils and healthy people) and is supported by the community it serves. The reverse is true, too; a community composting program supports community social, economic, and environmental well-being.

Cascade Township community will benefit from having our community compost operation and the natural beauty of our site design.

More benefits of our compost being easily available to our community. According to the EPA, compost also has a knack for suppressing diseases, helping to decrease the need for pesticides and inorganic fertilizers. Just like how compost helps prevent pathogens that cause disease in plants, it also helps destroy pathogens in soil and air.

I hope this additional information helps you make a more informed decision. Based on my quick turn around of information and thorough proposal I have previously submitted that contains additional information as well as this additional information I respectfully request to add us to the agenda for the July 26 board of trustees meeting. Thanks again for your time.

Luis Chen
Founder and Owner
Wormies, LLC
616-322-1677
luis@thewormies.com

Mike Cronk (6830 Burton St) is a neighbor of the applicant and has no issues with the fence.

Rosalva Clap, owner of 3 homes in Cascade, said if the applicant were to plant bushes, deer would eat them.

Joann King, the applicant, said the township previously did not allow parking of campers on home sites in 2014. She stated that ZA Smith-Jacoby has been great help to her.

Motion was made by Member Engel to close public hearing. Supported by Member Moxley. Motion carried 6 to 0.

Member Rowland suggested having the Zoning Board review RV standards so if a recreational vehicle obstructs a neighbor's view, the owner should have to put up a fence.

Motion was made by Member Engel to approve the Special Use Permit allowing for an 8-foot-tall fence. Supported by Member Noordhoek. Motion carried 6 to 0.

ARTICLE 9.

Case #23-3746

Property Address: 5745 Whitneyville Ave

Requested Action: Type II Special Use Permit to construct a commercial composting operation.

Planning Director Hilbrands presented the case and explained the applicant is requesting a Type II Special Use Permit to allow for commercial composting operation in the Agricultural and Rural Conservation zoning district. The Planning Commission previously forwarded a positive recommendation to the Township Board and the Board decided to send the application back for further consideration. There were concerns expressed about the on-site retail and potential negative effects the operation may have on neighboring properties.

The applicants provided a letter, located in the packet, with information addressing concerns. They describe measures being taken to prevent odor and contaminants from leaving the site along with a plan for runoff.

There have been additional conditions added to address the Township Board's concerns. Planning Director Hilbrands suggested an edit to condition 13 to read, "If the composting operation is discontinued, any contamination and all composting material and composting intakes must be remediated and removed off of the site."

Staff recommended forwarding a positive recommendation back to the Township Board with the 13 conditions listed in the packet.

Chair Noordyke reiterated for the audience that this meeting is not to approve the Wormies operation, as it has previously been approved by former Township staff.

Member Noordhoek expressed concern with the commercial aspect of the Special Use Permit. Planning Director Hilbrands said the applicants are not necessarily proposing

that, rather that is the way the zoning ordinance is written. A zoning amendment can be made in the future to exclude the word “commercial.” One of the proposed conditions also limits sales on the property to appointment only.

Luis Chen, the applicant, agreed that the commercial composting title is not applicable, as they are a farm composting operation with associated sales. He addressed an issue with condition number 10 regarding the request to plant 5 trees. Chen said it is unfair because there is not a house built there yet, there is natural screening from a hill, and it may cost up to \$5,000.

Member Rowland asked if the applicant had an issue with the condition limiting sales by appointment. Chen noted that it seemed unfair to include that as a condition, but that is how they were planning to operate.

Member Bruneau questioned whether condition number 9 could be reworded to include what is allowed, opposed to what is not allowed. Planning Director Hilbrands explained it was written that way since the items singled out were most likely to cause smell or attract bugs and animals.

Motion was made by Member Engel to open public hearing. Supported by Member Moxley. Motion carried 6 to 0.

Laurel Johnson (5640 Whitneyville Ave) stated the applicants have stated their intention to have school groups visit for educational programming. She explained how there have been no discussion on how they will make this operation ADA compliant for these school groups and classes.

Daren Stedman (5539 Whitneyville) said they have already planted 100 trees and he did not understand the pushback for the 5 additional trees.

Jim Beary (5651 Whitneyville) is the property owner who requested the trees be planted along his property line. He explained the request is to insure the enjoyment of his property.

Alice VanTuinen (5527 Whitneyville) stated she was unaware this was already approved. It was her understanding that someone previously gave permission, but she is disappointed. She wanted Cascade to maintain the community’s natural beauty.

Chandler Michalsky (5745 Whitneyville) agreed with the previous comment and presented a picture of green space, stating that the entire northeast portion of the property will be left wild for pollinators, songbirds, and butterflies.

Gerald Alexander (5860 Whitneyville) stated there is increased traffic in the area and does not want more. He suggested adding a flashing red light to the intersection at 60th St.

Del Warner (5488 Whitneyville) did not understand why there would be a commercial business in the middle of a residential area.

Scot VanSolkema (2570 Orange) had a discussion with the applicant earlier and learned he purchased the land, with promise from a previous township employee, that he could operate his business here. He further stated the area is zoned for agriculture, the applicants use no pesticides or chemicals, and that limiting sales is not how America works.

Rudy Klein (5542 Whitneyville) wondered if anyone would want this business sitting in their backyard.

Megan Kroll with Miller Johnson LLC is the legal counsel for Wormies. She thanked the commission for their thoughtful consideration of the application. She stated the applicant has done everything asked of them repeatedly and hopes they can reach approval tonight. Kroll explained they received a substantial grant from the State of Michigan conditioned on receiving expansion approval by December.

Criag Rumschlag (8456 Laural Ridge) wanted members to consider other products the applicants might be growing, such as marijuana.

A letter was submitted to Township staff prior to the meeting:

“To the Zoning Board of Cascade Township

To be read into the zoning commission minutes 9/11/2023. Whitneyville has survived for more than a century as a community of family homes and neighborly interactions. New residential developments and many interdenominational churches. Traffic has increase with many aggregate trucks passing there at 50 miles per hour and causing difficulty accessing private drives, additional truck traffic will further impact private residences but is this the best plan to allow industrial development in Cascade? When there are ample areas for industrial type businesses along the 36th Street, 32nd Street and Patterson corridors.

Leave Whitneyville to residential housing along with the turkeys and deer populations shared as a country community.

Residences of Whitneyville in opposition to the proposed recycling operation in our community.”

The letter was signed by 12 property owners along Whitenyville Ave.

Motion was made by Member Engel to close public hearing. Supported by Member Moxley. Motion carried 6 to 0.

Chair Noordyke said that ADA compliance is something to consider, especially if there will be field trips there. Planning Director Hilbrands said from a zoning perspective they do not have ADA requirements, but there might be building code requirements.

Member Bruneau expressed reservations on making provisions based on the potential that someone will build in the future. He also was not supportive of conditions 10 and 11.

Member Noordhoek did not believe Wormies would generate enough traffic to the point of Kent County conducting a traffic study. Regarding by-appointment sales, he figured the commission and Wormies are on the same page that limiting the number of people coming in at random hours during the day would be beneficial.

Member Rowland suggested having a small window during the day where sales could take place and anything outside that time frame is by-appointment.

Motion was made by Member Rowland to accept the additional conditions suggested with the removal of number 10 and revisions to number 11 to include retail sale hours of operation conducted between 11am-3pm with anything outside those hours being appointment only. Supported by Member Moxley. Motion carried 6 to 0.

ARTICLE 10. Old Business

There was no old business to discuss.

ARTICLE 11. Any Other Business

Planning Director Hilbrands said the initial meeting for the Village Design Review Committee was recently held. The purpose of this committee is to analyze the current regulations and see what should be altered.

Member Bruneau wondered how the deer population issue could get better managed. He believes that everyone will start asking for 8' tall fences.

ARTICLE 12. Acknowledge any visitors and those wishing to speak.

There was no one that wished to speak.

ARTICLE 13. Adjournment

Motion was made by Member Engel to adjourn the meeting. Supported by Member Moxley. Motion carried 6 to 0. The meeting adjourned at 8:36 P.M.

Respectfully submitted,

Joe Engel, Secretary

To the Zoning Board of Cascade Township

To be read into the zoning commission minutes 9/11/2023. Whitneyville has survived for more than a century as a community of family homes and neighborly interactions. New residential developments and many interdenominational churches. Traffic has increase with many aggregate trucks passing there at 50 miles per hour and causing difficulty accessing private drives, additional truck traffic will further impact private residences but is this the best plan to allow industrial development in Cascade? When there are ample areas for industrial type businesses along the 36th Street, 32nd Street and Patterson corridors.

Leave Whitneyville to residential housing along with the turkeys and deer populations shared as a country community.

Residences of Whitneyville in opposition to the proposed recycling operation in our community.

I am firmly in opposition:
Grace M. Davis at
5535 Whitneyville SE
Alto, MI 49302

Kristen Stedman 5539 Whitneyville Ave SE
Ruby Khr 5542 Whitneyville

Gary Van Jaanen 5527 Whitneyville.
Arlene Van Jaanen 5527 Whitneyville
Judy Gust 5900 Whitneyville

Gerald O. Alexander 5860 Whitneyville Ave. S.E.

Susan and William Tuma 5670 Whitneyville RD
Alto, MI

Karen Thompson 5511 Whitneyville Ave
Alto, MI 49302

Tricia : Emily McKinlynn 5549 Whitneyville Ave Alto, MI
49302

JOHN EKENS - 5666 WITNEYVILLE
LIVED HERE SINCE 1970

NO TO ADDING ANOTHER COMMERCIAL
BUSINESS TO A AREA WHERE YOUR
RULES STATE THEY ARE ILLEGAL.

THIS IS A EXTREMELY BUSY ROAD :

① OVER 150 HOMES IN AREA WITH AVERAGE
HOME HAVING 3 CARS.

② MANY ACCIDENTS AND DEATHS AT
WHIT./52/ AND X-WAY. ON MY ROAD
I HAVE BEEN HIT ONCE GOING OUT
AND ONCE GETTING IN. THE PROPOSED
DRIVE IS RIGHT AT THE CREST OF
A LONG HILL MAKING IT HARD TO
SEE CARS COMING AT YOU.

③ 9 DEVELOPEMENTS BETWEEN 52
AND 68 & A NEW ONE GOING IN.

④ 3 GRAVEL, SAND PITS IN THE AREA
DRIVING DOUBLE TANDEM TRAILERS.

⑤ MANY DEVELOPEMENTS WITH-IN
1 MILE EITHER SIDE OF WHIT.

⑥ PUBLIC ACCESS SITES ON THE
LAKE AND RIVER.

⑦ 2 GOLF COURSES IN AREA.

⑧ AREA IS BETWEEN 2 SCHOOL
DISTRICTS WHICH DOUBLES THE
BUSSES, SPECIAL NEEDS BUSSES
AND STUDENT/STAFF TRAFFIC
TO DAVENPORT UNIVERSITY.

9. EXTREMELY BUSY MINI MAUL
AND BUSINESSES AT CAMPAU CORNER.

10. 4 CHURCHES IN AREA INCREASING
TRAFFIC ON WED/SAT/SUN.

11. HEAVY TRAFFIC HAZZARDS:
GRAVEL TRUCKS, PETROLEUM AND GAS
TRUCKS, CONSTRUCTION - SEPTIC - WELL - UPS,
AMAZON - FEDEX - FOOD BEV - GAS - TRASH -
WRECKERS - HEAVY, LARGE FARM TRACTORS
LANDSCAPE & LAWN SERVICE AND SNOW PLOWING.

COMMERICAL BUSINESS ARE AGAINST
ARE TOWNSHIP RULES! WHY DO WE
ALREADY HAVE ONE AND YOU WANT
TO ADD ANOTHER. PLEASE ENFORCE
YOUR OWN RULES! IF PASSED
BOTH COMMERICAL DRIVES WILL
BE RIGHT ACROSS FROM EACH OTHER.

THANK YOU

John Ekono

53 YEAR RESIDENT

STAFF REPORT

STAFF REPORT: Case # 22-3746
REPORT DATE: June 13, 2023
PREPARED FOR: Cascade Charter Township Planning Commission
MEETING DATE: June 19, 2023
PREPARED BY: Brian Hilbrands, Planning Director

APPLICANT

Luis Chen
5745 Whitneyville Ave SE
Alto, MI 49302

STATUS

OF APPLICANT: Owner

REQUESTED ACTION: Type II Special Use Permit for a commercial composting operation

EXISTING ZONING OF SUBJECT PARCEL: ARC, Agriculture/Rural Conservation

GENERAL LOCATION: West side of Whitneyville Ave, between 52nd St and 60th St

PARCEL SIZE: 13.4 Acres

EXISTING LAND USE ON THE PARCEL: Vacant/Agricultural

ADJACENT AREA LAND USES: N,E,W – Residential
S – Vacant/Agricultural

ZONING ON ADJOINING PARCELS: All ARC

STAFF COMMENTS:

1. The applicant is requesting a Type II Special Use Permit to construct a new commercial composting operation. The operation would include two buildings (a 5,040 square foot hoop house and a 1,200 square foot pole barn), an asphalt compost pad that will include covered compost bays, a gravel driveway, ten parking spaces, and an area of covered compost rows. The special use will be reviewed using the standards of Chapter 17, specifically Section 17.07.2.t.

2. As a reminder, the requirements of Section 17.07.2.t were developed by the Township last year as a result of activity on this property. Previous Township staff had informed the applicant that the composting use would be permitted By Right. After the Township received a complaint from a neighbor the use was reviewed again, and it was determined that it would be more appropriate to be permitted as a Special Use. As a result, the 15 requirements included in Section 17.07.2.t were developed. The property owner is now applying for the required Special Use permit.
3. The applicant has provided a narrative describing the proposed use and how it will operate. The facility will be used to receive composting intakes, such as leaves, woodchips, manure, and food scraps, mix and process those intakes to create compost and soil mixes, and prepare finished material for sale and distribution.
4. The operation is located on a parcel that meets the minimum size requirement of 10 acres, and the operational area (buildings, composting areas, material storage, etc.) meets the minimum setback requirements of 150' from property lines and 250' from residential dwellings.
5. Operational areas are required to be visually screened if they are located within 400' of a parcel with a residential use. The operational area is located within 400' of the residential parcels to the west and north. There are a number of existing trees along those property lines that the site plan indicates will remain. The Planning Commission should consider if those trees are an adequate screen. It is also worth noting that the operational area is within 400' of the property to the northeast (5651 Whitneyville Ave). That property is currently vacant but staff have received notice from the new property owner that they intend to build a home shortly.
6. The operational area is limited to 30% of the total area of the parcel, while at least 50% of the parcel must be kept natural, landscaped, or used for agriculture. The site plan indicates that the operational area encompasses approximately 16% of the parcel, while 58% will be kept natural, landscaped, or used for agriculture.
7. Equipment operation and the receiving or distribution of materials, including retail/wholesale sales, may only occur between the hours of 7:00am to 9:00pm.
8. The operation is limited to 3,000 cubic yards of intake material and 3,000 cubic yards of output material per year, and may have a maximum of 4,500 cubic yards of compost/composting intake/finished compost on site at any one time, with no more than 1,000 cubic yards being composting intake.
9. The operation must take reasonable action to mitigate the potential of odor leaving the site. The applicant should provide information on how that will be done.
10. The site will be accessed with a curb cut onto Whitneyville. The location of will need to be approved by the KCRC and a driveway permit will need to be obtained.

11. A well and septic system will be added and will require approval from the Kent County Health Department.
12. A photometric plan was submitted that meets Township requirements.
13. The Fire and Building Departments have reviewed and approved the plans.
14. The Gerald R Ford Airport staff have been made aware of the project and provided comments.
15. The Township Engineer has reviewed and approved the plans, and their comments are included in your packet. The proposed stormwater controls include a lined collection basin to capture water runoff from the asphalt compost pad, and a retention basin for the remaining water runoff. A stormwater maintenance agreement will be required
16. The operation is required to be registered with EGLE within one year of commencing operations, and must comply with all standards, rules, and regulations of registered compost operations. The applicant must also return to the Planning Commission for an annual review for a minimum of two years after receiving the special use permit. They must also keep an inventory log showing the amount of composting intake and the total composted output, which shall be provided to the Planning Commission at the annual review and as otherwise requested by the Township.
17. The applicant notes that if they receive Township approval, they will develop a compost site management plan as part of their registration with EGLE. The applicant should also submit the plan to the Township.
18. Section 17.06 as well as 17.07 of the zoning ordinance requires the Planning Commission to review several factors before making a recommendation to the Township Board. I have listed those items for your consideration followed by my comments for each.

Factors	Comments
Be designed, constructed, operated and maintained so as to be harmonious and appropriate in appearance with the existing or intended character of the area in which the use is proposed.	The operation is located on an agriculturally zoned parcel with neighboring parcels that are also agriculturally zoned.
Be adequately served by essential facilities and services such as highways, streets, police and fire protection, drainage, refuse disposal, water and sewer facilities and schools.	This site would have well and septic and is located on a collector street.
Not create excessive additional requirements at public cost for public facilities and services.	This site would not cause excessive additional requirements at the expense of the public.
Not cause traffic congestion, conflict or movement in greater proportion to that normally prevailing for the use in the particular	The operation would not appear to create excessive traffic compared to other allowed uses such as greenhouses or schools, but the

zoning district.	applicant should speak to how traffic will be minimized.
Not involve uses, activities, processes, materials, equipment or conditions of operation that will be detrimental to any persons, property, or the general welfare by reason of noxious or offensive production of noise, smoke, fumes, glare, vibration, odor or traffic.	The proposed use has the potential to be detrimental to neighboring properties if it is not well managed. The applicant should speak to the methods that will be used to prevent negative impacts on neighboring properties.

Section 21.07: Criteria For Site Plan Approval:

The Planning Commission shall use the following criteria in evaluating a site plan submittal:

1. Whether the required information has been furnished in sufficiently complete and understandable form to allow an accurate description of the proposed use(s) and structure(s) in terms of density, location, area, height, bulk, placement, setbacks, performance characteristics, parking, and traffic circulation.
2. Whether there are ways in which the configuration of uses and structures can be changed which would improve the impact of the development on adjoining and nearby properties, persons, and activities, and on the community, while allowing reasonable use of the property within the scope of district regulations and other regulations of this Ordinance that are applicable to the property and proposed use and structures.
3. The extent to which natural features and characteristics of the large trees, natural groves, watercourses, and similar will be preserved; the regard given to existing natural features that would add attractiveness to the property and environs if they were preserved; the preservation of natural drainage systems the dedication and/or provision, where appropriate, of scenic easements, natural buffering, and other techniques for preservation and enhancement of the physical environment.

STAFF RECOMMENDATION:

A Type II Special Use Permit requires approval from the Township Board. Staff is recommending that the Planning Commission provide a positive recommendation to the Township Board regarding the commercial composting operation, with the following conditions:

1. The applicant complies with the Township Engineer letter dated May 15, 2023, and all necessary permits are obtained before construction begins.
2. Record the stormwater maintenance agreement.
3. Any work within the right-of-way receives approval from KCRC and a driveway permit is obtained.
4. The applicant registers with the EGLE Material Management Division (EGLE MMD), and provides a copy of the Compost Site Management Plan to the Township. The operation must comply with all standards, rules, and regulations of EGLE MMD registered compost operations.
5. The site continues to meet all the special use requirements of Section 17.07(2)(t) of the zoning ordinance. This includes the requirement that the applicant return to the Planning Commission for an annual review for a minimum of two years after receiving the special land use permit, and thereafter at the discretion of the Planning Commission, and that the applicant shall keep an inventory log showing the amount of composting intake and the total composting output, which shall be

provided to the Planning Commission at the annual review and as otherwise requested by the Township.

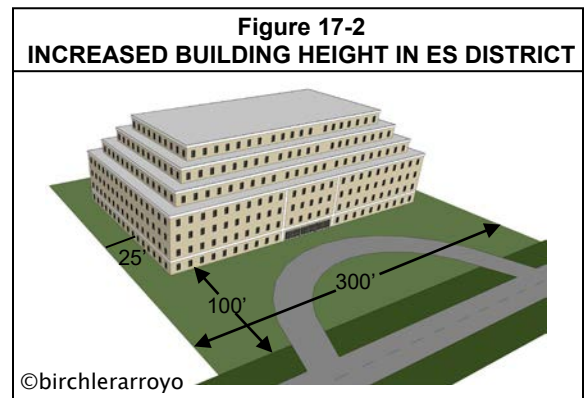
ATTACHMENTS: Standards of Section 17.07.2.t.
 Application
 Site plan
 Township Engineer letter
 EGLE Isolation Distance Information

Chapter 17 Special Uses

- 2) Due to the lower topography for some of the properties along I-96, a taller building may be allowed by the Township but in no case shall the height of the building exceed 72 feet or be more than 48 feet above the height of I-96 whichever is less. For purposed of determining the elevation of the highway, the highest point of the highway that is adjacent to the eligible property, will be used. For the eligible property the pre-development elevation will be used. Both elevations will be determined based on the Cascade Township REGIS system.
- 3) The application for special land use approval shall include a visual impact analysis, prepared by the applicant, which includes graphic depiction of the anticipated visual appearance of the building from important vantage points in the surrounding area. Methods used in preparing the analysis shall be reviewed and approved by the Planning Director.
- 4) In order to increase the height of the building beyond 48 feet, an elevated setback will be required. Elevated setbacks create a stepped facade, helping maintain light and air space and reduce the impact of building height on pedestrian and vehicular environments. The increased setback shall be an additional ten (10) feet in the front, side, and rear yards for each ten (10) feet of additional height or for each story, which ever is less. See Figure 17-2.
- 5) Increased height shall not be in conflict with any Federal Aviation Administration regulations.
- 6) The Planning Commission may require modifications to exterior building materials and architectural features to result in greater building articulation.
- 7) The Planning Commission shall determine the appropriate height allowance based on one or more of the following incentives provided:
 - i. Civic Space Incentive: Civic space may be in the form of plazas, squares, greens or parks that provide space for community gathering. Civic spaces may provide landscaping, seating, lighting, public art

or a water feature, and be oriented to the public realm.

- ii. Energy Efficient Design: The project may be constructed utilizing a nationally recognized green building rating system. Owners or developers applying for the special land use shall identify the system chosen at the time of application and shall provide quarterly updates that identify progress.
- iii. Roof Top Uses Incentive: The applicant may provide access and use by utility providers, including the Township for communications antennae.



- iv. Low Impact Development Incentive: The applicant may provide best management practices for drainage, such as green roofs, pervious pavement, bioswales, or others, to minimize discharge or result in zero discharge from the site.
- v. Streetscape Incentive: The project may incorporate entry features in the form of decorative street lighting and landscaping to match those along 28th Street within the Cascade Township Downtown Development Authority.
- vi. Other Incentives: The applicant may present to the Township other incentives which help mitigate any real or perceived impact of additional building height.

t. Commercial composting operations with associated limited retail and wholesale trade of material created on the premises.



Chapter 17 Special Uses

- 1) Minimum parcel size shall be 10 acres in the ARC and FP zoning districts and 2 acres in the I zoning district. Operational areas (buildings, composting areas, material storage, etc.) in the ARC and FP districts shall be located a minimum of 150 feet from property lines and 250 feet from adjacent residential dwellings. Operational areas in the I zoning district must meet the setback requirements of that district and shall also be located a minimum of 250 feet from adjacent residential dwellings.
- 2) Operational areas shall be visually screened from neighboring parcels with a screen consisting of berming, fencing, and/or vegetation buffer if the operational areas are within 400 feet of a residential parcel.
- 3) The operation must be registered with the Michigan Department of Environment, Great Lakes and Energy - Material Management Division (EGLE MMD) within one year of commencing operations. The operation must comply with all other applicable federal, state, and local laws, rules and regulations. The operation must comply with all standards, rules, and regulations of EGLE MMD registered compost operations.
- 4) When located in the ARC or FP districts, operational areas are limited to 30% of the total area of the parcel and 50% of the total area of the parcel must be kept natural, landscaped, or used for agriculture.
- 5) Equipment operation and receiving or distribution of materials, including retail/wholesale sales, may only occur between the hours of 7:00am to 9:00pm.
- 6) The use shall comply with all applicable Township and local Ordinances, regulations and standards including, but not limited to, the Township Noise Ordinance, stormwater regulations and lighting regulations.
- 7) The applicant must return to the Planning Commission for an annual review for a minimum of two years after receiving the special land use permit, and, thereafter, at the discretion of the Planning Commission. The applicant shall keep an inventory log showing the amount of Composting Intake and the total composted output, which shall be provided to the Township Planning Commission at the annual review and as otherwise requested by the Township.
- 8) An operation located on a parcel 20 acres or less in size in the ARC or FP districts is limited to 3,000 cubic yards of intake material and 3,000 cubic yards of output material per year. Facilities exceeding 3,000 cubic yards of intake and/or output per year may be permitted at the discretion of the Township, but must be located on a parcel that exceeds 20 acres in size, or in the I district.
- 9) An operation may have a maximum of 4,500 cubic yards of compost/composting intake/finished compost on site at any one time, with no more than 1,000 cubic yards being composting intake. Greater volume may be allowed at the discretion of the Township for operations located in the I district or on parcels 20 acres or more in size in the ARC or FP districts.
- 10) The facility must take reasonable action to mitigate the potential of odor leaving the site, such as using negative aeration systems or other common industry methods for odor mitigation. Such odor mitigation methods are subject to review and approval of the Township through the special land use approval process. The site shall be kept neat and clean and there shall be no noxious odors or garbage affecting neighboring properties.
- 11) In the case of vermiculture, the species of worms that may be used are limited to red wiggler (*Eisenia fetida*), red worms (*lumbricus rubellus*), and other species that are native to Michigan, at the discretion of the Township.
- 12) All machinery and equipment, except for motor vehicles and trailers used in the conduct of business, shall be stored within a completely enclosed building. Motor vehicles and trailers shall be stored indoors, out-of-view when not in use for longer than a two-week period.
- 13) Retail and wholesale sales on the premises to the general public shall be limited to material created on the site.



Chapter 17 Special Uses

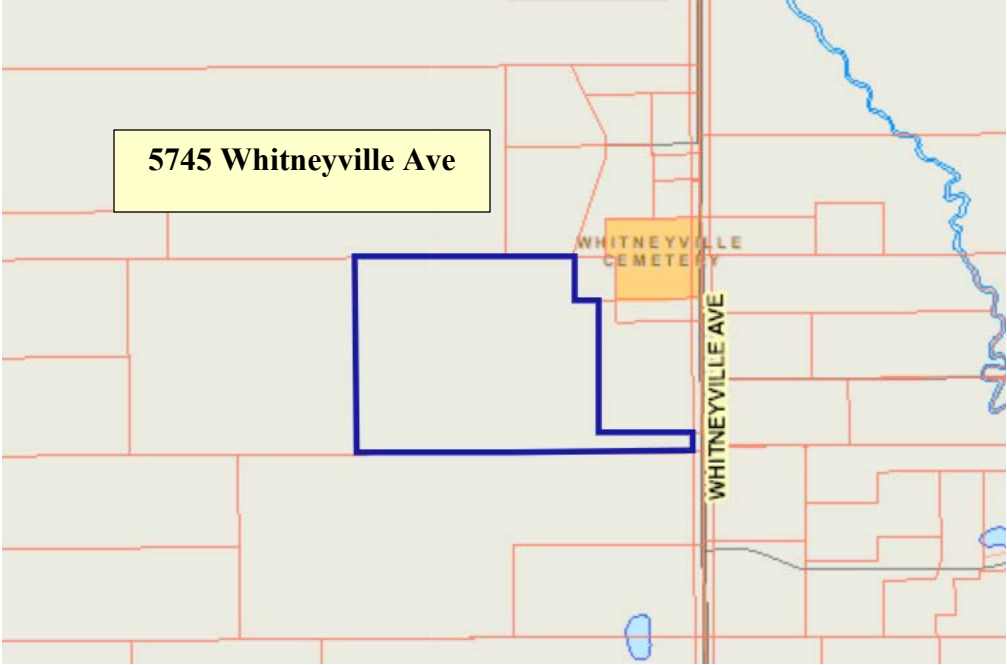
- 14) If waste from sorting exceeds one (1) cubic yard per month, that sorting process must be located in the Industrial (I) zoning district.
- 15) All Composting Intake material must be covered or stored so that it is contained and protected from wildlife and leaving the site.



Definitions
General Provisions
Development Review

Zoning Districts
Special Uses
Planned Unit Development

Height, Area, & Placement
Parking & Access
Landscaping





CASCADE CHARTER TOWNSHIP

5920 Tahoe Dr. SE, Grand Rapids, Michigan 49546-7140

PLANNING & ZONING APPLICATION

APPLICANT: Name: Luis Chen

Address: 2067 Swensberg Ave NE, Grand Rapids MI 49505

City & Zip Code Grand Rapids MI 49505

Telephone: 616-322-1677

Email Address: luis@thewormies.com

OWNER: * (If different from Applicant)

Name:

Address:

City & Zip Code:

Telephone:

Email Address:

NATURE OF THE REQUEST: (Please check the appropriate box or boxes)

- | | |
|---|--|
| <input type="checkbox"/> Administrative Appeal | <input type="checkbox"/> Administrative Site Plan Review |
| <input type="checkbox"/> Deferred Parking | <input type="checkbox"/> P.U.D. – Rezoning * |
| <input type="checkbox"/> P.U.D. – Site Condominium * | <input type="checkbox"/> Rezoning |
| <input checked="" type="checkbox"/> Site Plan Review * | <input type="checkbox"/> Sign Variance Subdivision |
| <input checked="" type="checkbox"/> Special Use Permit | <input type="checkbox"/> Plat Review * |
| <input type="checkbox"/> Zoning Variance | <input type="checkbox"/> Other: _____ * |

*** Requires an initial submission of 5 copies of the completed site plan**

BRIEFLY DESCRIBE YOUR REQUEST:**

This request is for a Type II Special Use Permit and Site Plan Review for Wormies LLC commercial composting operation. The property is located in the ARC zoning district, which allows for commercial composting operations. Attached narrative describing the proposed operation and site plan in accordance to Chapter 21 of the zoning ordinance and stormwater ordinance.

(**Use Attachments if Necessary)

-SEE OTHER SIDE-

LEGAL DESCRIPTION OF PROPERTY:**

Property is situated in the Township of Cascade, County of Kent, State of Michigan.
Property address 5745 Whitneyville Ave SE, Alto MI 49302. This property may be located
within the vicinity of farmland or a farm operation. Generally accepted agricultural and
management practices which may generate noise, dust, odors and other associated
conditions may be used and are protected by the Michigan Right to Farm Act

(**Use Attachments if Necessary)

PERMANENT PARCEL (TAX) NUMBER: 41-19 -35-300-053

ADDRESS OF PROPERTY: 5745 Whitneyville Ave SE, Alto MI 49302

PRESENT USE OF THE PROPERTY: Agriculture

**NAME(S) & ADDRESS(ES) OF ALL OTHER PERSONS, CORPORATIONS, OR FIRMS HAVING A LEGAL OR
EQUITABLE INTEREST IN THE PROPERTY:**

Name(s)	Address(es)
<u>Luis Chen</u>	<u>2067 Swensberg Ave NE</u>
<u>Sarah Yost</u>	<u>2067 Swensberg Ave NE</u>

SIGNATURES

I (we) the undersigned certify that the information contained on this application form and the required documents attached hereto are to the best of my (our) knowledge true and accurate. I (we) also agree to reimburse the Cascade Charter Township for all costs, including consultant costs, to review this request in a timely manner. I (we) understand that these costs may also include administrative reviews which may occur after the Township has taken action on my (our) request.

I (we) the undersigned also acknowledge that the proposed project does not violate any known property restrictions (i.e. plat restrictions, deed restrictions, covenants, etc.)

Owner – Print or Type Name
(*If different from Applicant)

* _____
Owner’s Signature & Date
(*If different from Applicant)

Luis Chen
Applicant – Print or Type Name


Applicant’s Signature & Date

PLEASE ATTACH ALL REQUIRED DOCUMENTS NOTED IN THE PROCESS REVIEW SHEET – THANK YOU

Wormies Compost Site- Type II Special Use Site Plan

Type II Special Use Site Plan Approval

Narrative and Site Plan included in this application demonstrates how the proposed operation will meet the special use design standards found in Section 17.07 of the Cascade Township zoning ordinance amendment that was approved by the Township to allow (subsection section 17.07 t) commercial composting with associated limited retail and wholesale trade of material created on the premises as a special use.

Narrative and Proposed Use

The property is 13.47 acres located at 5745 Whitneyville Road in the ARC (Agricultural Rural Conservation) zoning district, which allows for commercial composting operations involving limited retail and wholesale trade of material created on the premises. The proposed Wormies Compost Site will provide a properly designed space for compost production and provide a rich soil amendment for soil health and landscaping use and will meet the special use design standards found in Section 17.07 of the Cascade Township zoning ordinance. The compost site will register with the Michigan Department of Environment, Great Lakes and Energy- Material Management Division (EGLE MMD) after township approval of the site plan. EGLE registration requires that the operation follows best management practices to minimize noise, odor and dust production, does not cause a nuisance to neighbors, and protects compost wastewater from entering the groundwater and surface waters.

Planned development timeline is May to December 2023 for all composting operation areas.

The barn, which is planned for equipment storage, utility storage and bathroom area, will be completed by November 2025

Operational areas (buildings, composting areas, material storage, etc.) meet setback requirements and area coverages and are further than 400 feet of the nearest residential parcel. 16% of property space will be used for composting activities.

	Acres	SqFt or ft	%	Maximum Allowed	Minimum Allowed	Proposed Use
Total parcel area	13.4	583,836 SqFt	100	N/A	10	
Operational areas (buildings compost areas, material storage, etc.)		93,410 SqFt	16	30%		
Natural areas (landscaped or agriculture)		339,040 SqFt	58		50%	
Front, side & rear yard building setbacks or agricultural buildings and structures		150ft			150 ft from property lines; 250 ft from adjacent dwelling	
Max building height		150ft		35ft		
Hoop House		5,040 Sq Ft	<1			Operations & Curing
Barn		1,200 Sq Ft	<1			Storage & Maintenance
Asphalt compost pad		6,784 Sq Ft	1			
Concrete parking pad		1,320 Sq Ft	<1			

Wormies is more than a conventional composting operation. Most of the space in the property will be regenerated with the goal of having natural ecosystems that increase the biodiversity in the property and benefit Wormies composting process and finished products. Its composting operation is considerably low intensity compared to conventional composting operations and not limited to composting but also micro-hauling, manufacturing of soil blends, growing of biodynamic accumulators, compost tea application service, consulting and education. Wormies' operation possesses a low risk of nuisance such as odor, noise, dust, traffic and pests.

The first phase of composting will occur within a covered aerated static pile (CASP) system on an engineered surface comprised of 6 inches of asphalt overlaying a compacted base of engineered fill. This type of construction makes rainfall runoff and compost material management efficient throughout the year and ensures that the entire facility is accessible in all weather conditions. All-weather access provided by an engineered surface facilitates compost management without gravel entering the streams and promotes the quick drainage of runoff waters from beneath the compost piles.

Drainage structures will convey water away from the piles and direct it to a lined catchment area or collection basin. The lined catchment area (no outlet and no groundwater discharge) with volume capacity for a 100 year 24-hour storm is proposed to catch compost leachate or "wastewater" from the composting pad. The stormwater from the other proposed structures and paved parking of the site will be directed around and beyond the compost pad and lined catchment basin to infiltrate and flow overland to the stormwater retention pond in the SW, also designed for a 100 year 24-hour storm. The proposed retention pond and stormwater will not disturb the existing the wetland on the adjacent property to the NW and the compost pad is at least 200 feet from the surface water/wetland (as required by the EGLE compost site regulations). The water table at the location of the proposed retention pond should be at least 18" below the retention pond and at least 4' below the asphalt compost pad.

The compost pad surface is sloped at 1-2% to facilitate runoff between bays. Site operators will regularly inspect the pad surface to manage the water runoff. The engineered, impervious compost pad and compost "wastewater" catchment basin pond meets the requirements for composting as required by the Michigan Department of Great Lakes, Environment and Energy (EGLE). The proposed compost pad, typical CASP system stormwater design calculations are shown in site plan sheets 2,3 and 4.

- The compost site is designed for a capacity of 250 cubic yards per month (3,000 cubic yards per year) of incoming feedstock material, and a total of 4,500 cubic yards of active composting on site at one time.
- The following site features are shown on the site plan:
 - o 6,784 square foot asphalt pad for receiving, mixing and pre-processing in a covered aerated static pile (CASP) system
 - o 5040 square foot hoophouse/greenhouse for vermiculture, compost curing and finished compost distribution and sales
 - o 1200 square foot enclosed pole barn for equipment storage and maintenance. Motor vehicles and trailers can also be stored in the pole barn when not in use.
 - o 6 parking spaces for employees on the gravel and 4 for visitors with one handicap space on the engineered concrete;
 - o 1179 square foot (surface area) lined detention pond with 2849 cubic feet volume of storage capacity.
 - o Site access is secured with a gate, which will be accessible to emergency service vehicles.
 - o Barn will have a restroom and a septic system will be installed.
 - o A water well will be drilled for potable water, equipment and compost operations.
 - As required by the Fire Marshall, a water tank of adequate volume can be

o Landscape management strategy - letting a rotation of cover crops and wildflowers grow, which will be periodically mowed and harvested for compost material.

o Overhead electrical will be installed with Consumers Energy for site lighting, hoophouse and pole barn electrical needs and to power the CASP aeration fans.

- Downcast lighting is proposed around the pole barn.
- All parking and loading areas utilized during darker hours will be artificially illuminated to a minimum level of 0.5 foot candles and a maximum level of five (5) foot candles, with one (1) foot candle the level of average illumination. Lighting fixtures shall be designed and arranged to:
 - Deflect light away from adjacent properties and streets.
 - Not be more than 20 feet above the parking surface and shall be shrouded to prevent glare.
 - Allow a reduction of the amount of artificial light during other than normal parking hours.
- o Traffic will come from site's main entrance, through the gate and onto the compost receiving pad. Incoming material will be from Wormies vehicles or pre-approved contractors only to minimize the level of contamination or inappropriate loads. It is estimated that no more than 10 vehicles will enter and exit the site each day for composting operations.

o Incoming material will be unloaded on Receiving Area of the asphalt pad, mixed with a loader and then loaded into the CASP system.

-Incoming material is made up of food waste, wood waste, yard waste and herbivorous manures. The custom mix of materials (recipe) allows for optimal composting environment:

- Carbon to Nitrogen Ratio of 30:1
- Moisture Content between 55% and 60%
- Bulk Density between 900 lbs/CY and 1200 lbs/CY
- Feedstock such as food waste is received and processed immediately after receiving by mixing it with carbon material such as wood waste.
- Any obvious contaminants will be removed from the feedstock before loading into the bays. Contamination will not exceed 1 cubic yard per month and will be placed in the dumpster located on the pad.
- Mixing will occur on the pad toward the middle of the site and on days when winds are low to minimize any odor, noise or dust impact downwind.
- Prevailing winds are from the NW. Even though odors strong enough to travel outside the compost area are not usual, a windsock will be installed to ensure that material mixing does not occur at a time that winds blow towards the adjacent neighbors.
- The mixture is placed into the CASP composting bays for pre-processing with forced aeration technology for 21 days.
- The material in the CASP rows will meet the time and temperature requirements, with adequate moisture levels of 50% to actively compost. The use of temperature and moisture content probes can be used to monitor piles. To keep the moisture content to an optimal range, windrows will be watered using water from the detention pond. The volume of water in the detention pond is anticipated to be used on a regular basis to water the piles, and watering can be supplemented with well water as needed.
- After approximately 21 days, the pre-composted material is then removed from the bays and laid into vermiculture windrows 8' W x 2-4' H x various lengths to finish the compost using red wiggler worms (*Eisenia fetida*).
- The windrows are monitored and managed for the next 8-12 months and then screened to extract the worm castings. The screened "overs" will be reintroduced into the windrows for further processing. Waste from the process will be minimal.
- The finished material is screened and stored in the greenhouse for distribution and sales.

Hours of Operation:

7:00 am through 9:00 pm for operation. receiving and distribution of materials, including retail/wholesale sales.

Equipment to be used:

- Skidsteer
- Tractor
- Trommel soil screener
- Truck and trailer
- Soil mixer

Planned Staffing and Training:

- Mechanic 0.10 FTE (Full-Time Equivalent)
- Site and equipment operator 0.25 FTE
- Coordinator/supervisor 0.10 FTE

Luis Chen, owner of Wormies, and site supervisor, has completed the US Composting Council's Compost Operator Training to gain compost operations manager certification as recommended by EGLE and will plan to train future site operators or send to training, future site operators.

Other Permits/Approvals:

As soon as Wormies gains Cascade Township Special Use Site Plan approval, Wormies will submit an application to Michigan Department of Great Lakes, Environment and Energy (EGLE) for compost site registration, which is required for a compost site larger than of 200 cubic yards. Wormies will obtain necessary permits and approvals for soil erosion and sedimentation control permit, water supply well, septic, electrical and site lighting, entrance sign and access drive. Wormies is working with Consumers Energy to locate electrical pole and install electrical service to the site.

No other approvals or permits are known at this time.

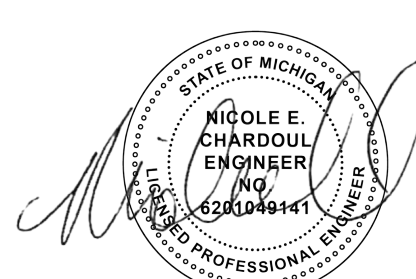


Site Management Plan:

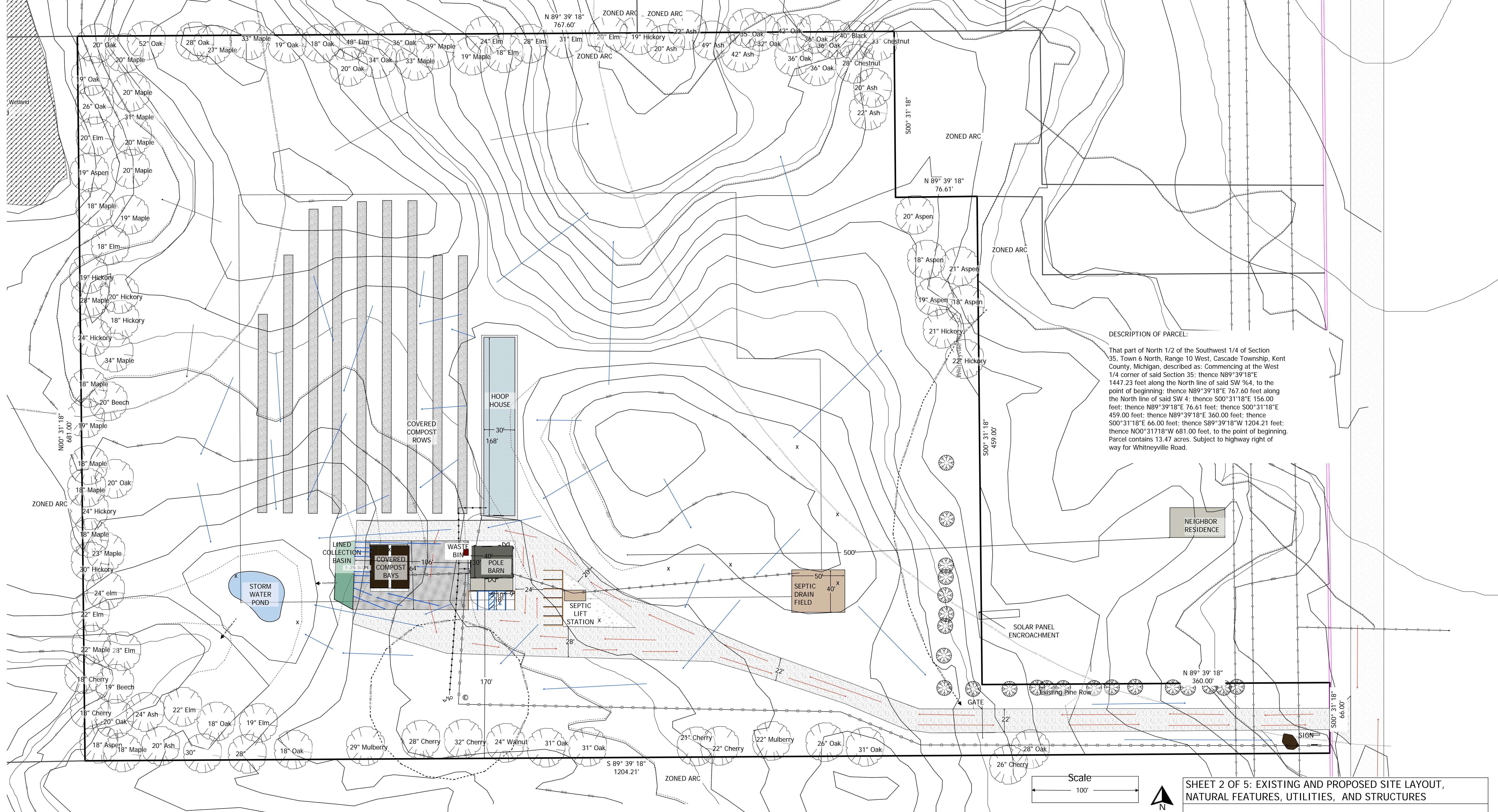
A comprehensive compost site management plan (CSMP) will be developed after Township site plan approval with specific standard operating procedures for staffing, managing, and monitoring the incoming materials and piles; site, pond and equipment maintenance; as well as and troubleshooting for odor, noise and dust.



Description of Parcel:

That part of North 1/2 of the Southwest 1/4 of Section 35, Town 6 North, Range 10 West, Cascade Township, Kent County, Michigan, described as: Commencing at the West 1/4 corner of said Section 35; thence N89°39'18"E 1447.23 feet along the North line of said SW ¼, to the point of beginning; thence N89°39'18"E 767.60 feet along the North line of said SW 4; thence S00°31'18"E 156.00 feet; thence N89°39'18"E 76.61 feet; thence S00°31'18"E 459.00 feet; thence N89°39'18"E 360.00 feet; thence S00°31'18"E 66.00 feet; thence S89°39'18"W 1204.21 feet; thence N00°31'18"W 681.00 feet, to the point of beginning. Parcel contains 13.47 acres. Subject to highway right of way for Whitneyville Road.

SHEET 1 OF 5
SHEET 1: COVER SHEET, USE DESCRIPTION, AREA MAP
SHEET 2: EXISTING AND PROPOSED SITE LAYOUT, NATURAL FEATURES, UTILITIES, AND STRUCTURES
SHEET 3: STRUCTURE DETAILS AND ELEVATIONS, ENTRANCE SIGN DETAIL, LIGHTING SPECS
SHEET 4: STORMWATER CALCULATIONS AND DRAINAGE DESCRIPTION
SHEET 5: PHOTOMETRIC PLAN
Wormie's Compost Farm Design 5745 Whitneyville Rd, Alto, Michigan 49302 Prepared by: Nicole E. Chardoul, Youssef Darwich April 18, 2023
  



Legend

Property Line	ADA Parking	Electrical	Existing Trees
150' Property Buffer	New Contours	ATT Lines	Proposed Well
800' Well Bufer	ADA Parking	Water Line	Temporary Electric Panel
250' Residence Buffer	Right of Way	Type III Well Buffer	Soil Boring Locations
200' Wetland Buffer	Traffic Flow	SEPTIC	
Existing Contours	Stormwater Flow	Emergency overflow	

SHEET 2 OF 5: EXISTING AND PROPOSED SITE LAYOUT, NATURAL FEATURES, UTILITIES, AND STRUCTURES

Wormie's Compost Farm Design
 5745 Whitneyville Rd,
 Alto, Michigan 49302
 Prepared by: Nicole E. Chardoul, Youssef Darwich
 April 18, 2023

Drainage Narrative

The operational areas of the 13.47-acre parcel naturally drains to the low area in the SW corner of the site. The proposed work involves construction of a new impervious composting pad of approximately 6,784 square feet and two new structures.

Existing Drainage:

The stormwater runoff from the existing undeveloped site is directed toward the low area in the SW corner of the site, with a small area directed to the NE corner of the site and another small area directed to the NW corner of the site. The proposed composting operational areas all occur in the watershed area where the stormwater flows to the SW corner.

Proposed Stormwater Management:

A lined catchment area (no outlet and no groundwater discharge) with volume capacity for runoff from a 100 year 24-hour storm is proposed to catch compost leachate or "wastewater" from the composting pad. The pond will be 3 feet deep with a 12" freeboard and will have a volume capacity of 2,300 cubic feet.

The asphalt compost pad will be constructed at a 1-2% slope to the west to allow the stormwater from the pad to be directed to the lined catchment basin and the edges of the pad will be constructed as sloped impervious ditches to allow the stormwater runoff from the pad to be directed to the lined catchment area. A raised edge or curb along the sides of the pad will prevent stormwater from other areas of the site to enter the ditch or compost pad. The impervious pad and catchment area meets the MI Department of Environment Great Lakes and Energy (EGLE) compost site stormwater management requirements when processing cannabis plant waste and also meets EGLE Water Resources Division requirements for compost leachate management. The lined catchment area will prevent groundwater discharge of the compost leachate wastewater. The water collected in the catchment area will be recirculated back to the compost piles to keep optimal moisture levels in the piles. If the water in the catchment area exceeds the need for compost pile watering, it will be pumped out and hauled for proper disposal.

The stormwater from the other proposed structures and paved parking of the site will be directed around and beyond the compost pad and lined catchment basin to infiltrate and flow overland to the to the stormwater retention pond in the SW. The pond will be 5 feet deep with a 12" freeboard and will have a volume capacity of 2,000 cubic feet. The soil type of 36C-Filer Loam should allow adequate infiltration.

The water table at the location of the proposed retention pond should be at least 18" below the bottom of the retention pond and at least 4' below the asphalt compost pad.

Soil Type & Groundwater

Native Sandy clay overlying granular soils consisting of sand and gravelly sand. Approximately 4 to 5 inches of sandy clay topsoil is present at the ground surface within the soil boring locations. Native cohesive soils, consisting of silty clay and sandy clay, underlie the topsoil within soil borings B-01 and B-03 extending to depths ranging from 3.5 to 9 feet. Native granular soils, consisting of sand and clayey sand, underlie the native cohesive soils within the soil boring locations extending to the explored depths ranging from 10 to 15 feet.

The native cohesive soils are medium to very stiff in consistency, with natural moisture contents ranging from 18 to 27 percent, and unconfined compressive strengths ranging from 1,000 to 7,000 psf. The native granular soils are loose to medium compact in relative density, with Standard Penetration Test (SPT) N-values ranging from 9 to 18 blows per foot (bpf).

The groundwater was not encountered to the explored depths of 8 to 15 feet during and upon completion of drilling and test pit operations.

Installation Specifications for Pad Construction

The relatively high moisture content of the surficial cohesive soils are likely in close proximity to their respective plastic limits. Therefore, these soils may become unstable under repeated loading from construction equipment. The subgrade should not be exposed to prolonged periods of precipitation to prevent the subgrade from becoming unstable. We recommend earthwork operations be performed during the predominantly drier summer months.

Topsoil Stripping: Remove all organic materials down to a depth of at least 12 inches
 Subgrade Undercutting: After excavation and undercutting to required depth, it shall be evenly graded and recompact to not less than 95% of the soil's maximum unit weight.
 Subgrade (Fill Material to bring pad "to grade"): Non-organic soil suitable with engineering characteristics suitable to achieve 95% compaction of maximum unit weight and to support overlying base material to specified compaction, placed in loose layers not more than 8 inches and not less than 4 inches. Each layer placed shall be compacted separately to the required level of compaction.
 Base Course: compacted base course with a minimum thickness of 6 inches shall be placed on the compacted subgrade and beneath the slab. The base course shall consist of granular material (sand, gravel, crushed stone, or sand/gravel mix). A geotextile liner may be included below the subbase.
 Compost Pad Material: 4 inches of hot mix asphalt (HMA) applied in two layers, a 2 inch base course and a 2 inch wearing course. Recycled asphalt pavement (RAP) may be substituted for a portion of the new material required to produce the HMA mixture.

Installation Specifications for Lined Catchment Basin and Compost Pad Ditch

Topsoil Stripping: Remove all organic materials down to a depth of at least 12 inches
 Subgrade Undercutting: After excavation and undercutting to required depth, it shall be evenly graded and recompact to not less than 95% of the soil's maximum unit weight.
 Clay Base Placement: The impermeable clay layer shall be placed as directed in the bottom of the basin in loose layers not more than 6 inches and not less than 4 inches. The material shall be compacted to 90% of its maximum unit weight with kneading compaction (sheepsfoot roller).
 Alternately, the basin can be lined with a geotextile liner consisting of a minimum 30-mil thickness geomembrane overlying a structurally stable foundation to support the liners and the contents, or a high density polyethylene geomembranes at least 60-mil thick to allow for proper welding, or an alternative design approved by the township or county water resources board.
 Vegetation: Clear debris and all stone greater than two (2) inches in diameter from planting areas. Level finish grades to eliminate small depressions. Roll the finished surface with spiked roller to eliminate soil clods. Kill any volunteer vegetation with "Round-up" herbicide seven (7) days before all seeding operations. Spread stockpiled or new topsoil and seed with seed mixes as shown on plan. Drill seeding is required for all permanent seed matrices to ensure direct soil-seed contact. No seed will be planted with more than 1/4-inch soil cover. Apply straw at a rate of 1500 lbs/acre to all seeded areas. Secure straw with crimping implement. Install erosion control blanket to all shallow channels.

Drainage Assumptions	
Design Return Period (years) =	100
Design Storm Duration, d (hours) =	24
Design Storm Duration, d (min) =	1440
Pond Depth (ft) =	3
Pond Side Slope =	3 to 1
Freeboard (inches) =	12

Area Analysis (lined catchment area for compost pad):				
	A (square feet)	A (acres)	C	AC
Type of Drainage Area	Drainage Area (square feet)	Drainage area (acres)	Rational runoff coefficient	
Compost Pad (asphalt)	6,784	0.16	0.95	0.14795
Runoff Coefficient (C):				
	C avg = AC total / A total			0.95
Lined Catchment Area/Basin Volumes (Q = C * I * A):				
	C avg	I (*)	A total	
		Rainfall intensity (inches per hour)	Drainage area (acres)	
		0.95	0.261	0.16
Q = Peak Discharge (acre-in/hr) =	0.039			
Q (cf per second) =	0.039			
Peak Discharge (cf over 24-hr) =	3,366			
Lined Catchment Area/Basin Volumes Provided:				
Volume = 0.33 H (A1 + A2 + (A1*A2)/0.5)	Elevation	Area (SF)	Volume (CF)	Incremental (CF)
	807.0	1,387	1,186	3,036
	806.0	1,019	850	1,850
	805.0	708	570	1,000
	804.0	453	346	430
	803.0	255	84	84
Volume (with 12" of freeboard) =				3,364

Area Analysis (stormwater retention basin):				
	A (square feet)	A (acres)	C	AC
Type of Drainage Area	Drainage Area (square feet)	Drainage area (acres)	Rational runoff coefficient	Rational runoff coefficient (adjusted for sheet flow over lawn)
Structures	6,240	0.14	0.95	0.70
Concrete parking	1,320	0.03	0.95	0.70
Total	7,560	0.17		0.12149
Runoff Coefficient (C):				
	C avg = AC total / A total			0.70
Retention Volumes (Q = C * I * A):				
	C avg	I (*)	A total	
		Rainfall intensity (inches per hour)	Drainage area (acres)	
	0.70	0.2613	0.17	
Q = Peak Discharge (acre-in/hr) =	0.032			
Q (cf per second) =	0.032			
Peak Discharge (cf over 24-hr) =	2,764			
Retention Volumes Provided:				
Volume = 0.33 H (A1 + A2 + (A1*A2)/0.5)	Elevation	Area (SF)	Volume (CF)	Incremental (CF)
	802.0	1,179	935	1,752
	801.0	842	690	1,507
	800.0	562	441	817
	799.0	338	247	376
	798.0	171	110	129
	797.0	60	20	20
Volume (with 12" of freeboard) =				2,849

* Source: <https://hdsc.nws.noaa.gov/hdsc/pfds> Used rainfall over 24 hours for a 100-year storm at Grand Rapids International Airport

Retention Pond Seed Mix

Andropogon gerardii (Big Blue Stem): 4.000 lbs/acre
 Panicum virgatum (Prairie Switch Grass): 0.500 lbs/acre
 Sorghastrum nutans (Indian Grass): 4.500 lbs/acre
 Spartina pectinata (Prairie Cord Grass): 0.250 lbs/acre
 Avena sativa (Seed Oats): 48.000 lbs/acre
 Elymus canadensis (Prairie Wild Rye): 1.000 lbs/acre
 Lolium multiflorum (Annual Rye): 10.000 lbs/acre

NOAA Atlas 14, Volume 8, Version 2 GRAND RAPIDS INTL AP
 Station ID: 20-3333
 Location name: Grand Rapids, Michigan, USA*
 Latitude: 42.8825° Longitude: -85.5239°
 Elevation: 803 ft**
* source: ESRI Maps ** source: USGS

POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Deborah Martin, Sandra Pavlovic, Ishani Roy, Michael St. Laurent, Carl Trypaak, Dale Umuhl, Michael Yelso, Geoffrey Bonnis

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aeriats](#)

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches) ¹										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.306 (0.261-0.347)	0.352 (0.306-0.408)	0.442 (0.383-0.514)	0.522 (0.448-0.610)	0.638 (0.524-0.765)	0.733 (0.541-0.908)	0.832 (0.628-1.06)	0.938 (0.696-1.23)	1.08 (0.729-1.47)	1.26 (0.771-1.85)
10-min	0.439 (0.362-0.508)	0.515 (0.448-0.597)	0.648 (0.561-0.753)	0.764 (0.656-0.893)	0.934 (0.767-1.14)	1.07 (0.851-1.33)	1.22 (0.919-1.55)	1.37 (0.975-1.80)	1.59 (1.07-2.15)	1.76 (1.14-2.41)
15-min	0.535 (0.406-0.619)	0.628 (0.547-0.728)	0.790 (0.684-0.918)	0.932 (0.800-1.09)	1.14 (0.935-1.39)	1.31 (1.04-1.62)	1.49 (1.12-1.89)	1.67 (1.19-2.20)	1.94 (1.30-2.62)	2.15 (1.39-2.94)
30-min	0.801 (0.698-0.928)	0.941 (0.819-1.09)	1.18 (1.02-1.37)	1.39 (1.20-1.63)	1.70 (1.40-2.08)	1.95 (1.55-2.42)	2.21 (1.67-2.82)	2.49 (1.93-3.90)	2.88 (2.06-4.37)	3.18 (2.06-4.37)
60-min	1.06 (0.919-1.22)	1.24 (1.07-1.43)	1.55 (1.34-1.80)	1.83 (1.57-2.14)	2.24 (1.84-2.74)	2.58 (2.05-3.20)	2.94 (2.22-3.75)	3.32 (2.36-4.37)	3.86 (2.60-5.23)	4.29 (2.77-5.86)
2-hr	1.31 (1.15-1.50)	1.53 (1.34-1.76)	1.92 (1.67-2.21)	2.26 (1.96-2.63)	2.79 (2.30-3.39)	3.21 (2.57-3.96)	3.66 (2.79-4.65)	4.15 (2.96-5.43)	4.84 (3.29-6.52)	5.39 (3.53-7.35)
3-hr	1.45 (1.27-1.66)	1.69 (1.48-1.93)	2.11 (1.84-2.43)	2.50 (2.17-2.89)	3.08 (2.57-3.75)	3.57 (2.87-4.39)	4.09 (3.13-5.18)	4.65 (3.36-6.07)	5.45 (3.73-7.32)	6.10 (4.01-8.27)
6-hr	1.69 (1.49-1.92)	1.96 (1.73-2.23)	2.45 (2.15-2.80)	2.91 (2.53-3.34)	3.60 (3.02-4.36)	4.19 (3.39-5.13)	4.82 (3.72-6.07)	5.52 (4.02-7.16)	6.51 (4.50-8.69)	7.31 (4.86-9.86)
12-hr	1.95 (1.73-2.20)	2.25 (1.99-2.55)	2.81 (2.48-3.19)	3.33 (2.91-3.79)	4.13 (3.49-4.97)	4.82 (3.93-5.87)	5.56 (4.33-6.96)	6.38 (4.89-8.22)	7.55 (5.27-10.0)	8.50 (5.71-11.4)
24-hr	2.22 (1.98-2.49)	2.56 (2.28-2.88)	3.18 (2.83-3.59)	3.77 (3.31-4.26)	4.66 (3.97-5.58)	5.43 (4.47-6.53)	6.27 (4.92-7.80)	7.19 (5.34-9.20)	8.51 (6.00-11.2)	9.58 (6.51-12.7)
2-day	2.55 (2.28-2.84)	2.91 (2.61-3.25)	3.59 (3.20-4.02)	4.22 (3.73-4.74)	5.19 (4.44-6.16)	6.02 (4.98-7.23)	6.92 (5.47-8.53)	7.90 (5.92-10.0)	9.32 (6.84-12.2)	10.5 (7.18-13.8)
3-day	2.81 (2.53-3.12)	3.18 (2.86-3.54)	3.87 (3.46-4.31)	4.51 (4.05-5.05)	5.49 (4.72-6.37)	6.34 (5.27-7.57)	7.26 (5.77-8.91)	8.26 (6.23-10.4)	9.71 (6.96-12.6)	10.9 (7.52-14.3)
4-day	3.04 (2.74-3.36)	3.41 (3.07-3.78)	4.11 (3.68-4.56)	4.75 (4.23-5.31)	5.75 (4.96-6.76)	6.60 (5.50-7.86)	7.53 (6.00-9.20)	8.54 (6.46-10.8)	9.99 (7.20-13.0)	11.2 (7.75-14.6)
7-day	3.58 (3.24-3.94)	4.00 (3.61-4.41)	4.75 (4.27-5.25)	5.43 (4.85-6.03)	6.47 (5.57-7.53)	7.34 (6.15-8.66)	8.26 (6.84-10.0)	9.29 (7.08-11.6)	10.7 (7.79-13.8)	11.9 (8.33-15.5)
10-day	4.07 (3.69-4.47)	4.54 (4.14-4.98)	5.35 (4.83-5.89)	6.08 (5.45-6.73)	7.16 (6.20-8.28)	8.06 (6.77-9.45)	9.01 (7.25-10.9)	10.0 (7.66-12.5)	11.5 (8.35-14.7)	12.6 (8.87-16.3)
20-day	5.56 (5.07-6.05)	6.16 (5.61-6.71)	7.18 (6.51-7.84)	8.04 (7.28-8.83)	9.27 (8.04-10.5)	10.2 (8.64-11.8)	11.2 (9.26-13.4)	12.3 (9.45-15.0)	13.7 (10.1-17.3)	14.8 (10.5-19.0)
30-day	6.85 (6.26-7.42)	7.57 (6.92-8.22)	8.75 (7.96-9.53)	9.73 (8.80-10.6)	11.1 (9.62-12.5)	12.1 (10.2-13.9)	13.1 (10.7-15.5)	14.2 (12.1-17.3)	15.5 (11.5-19.5)	16.6 (11.9-21.2)
45-day	8.52 (7.82-9.20)	9.40 (8.61-10.2)	10.8 (9.85-11.7)	11.9 (10.8-13.0)	13.4 (11.6-15.0)	14.5 (12.3-16.5)	15.6 (12.7-18.2)	16.6 (12.9-20.0)	17.9 (13.3-22.3)	18.8 (13.6-24.0)
60-day	9.97 (9.17-10.7)	11.0 (10.1-11.8)	12.6 (11.5-13.6)	13.8 (12.5-15.0)	15.4 (13.4-17.1)	16.5 (14.1-18.7)	17.6 (14.4-20.5)	18.6 (14.5-22.4)	19.8 (14.8-24.6)	20.7 (15.0-26.3)

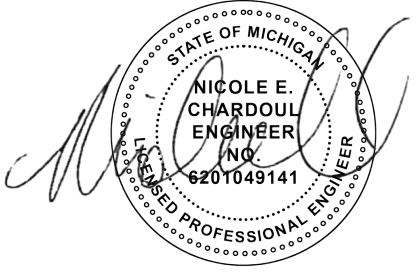


¹ Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

[Back to Top](#)

PF graphical

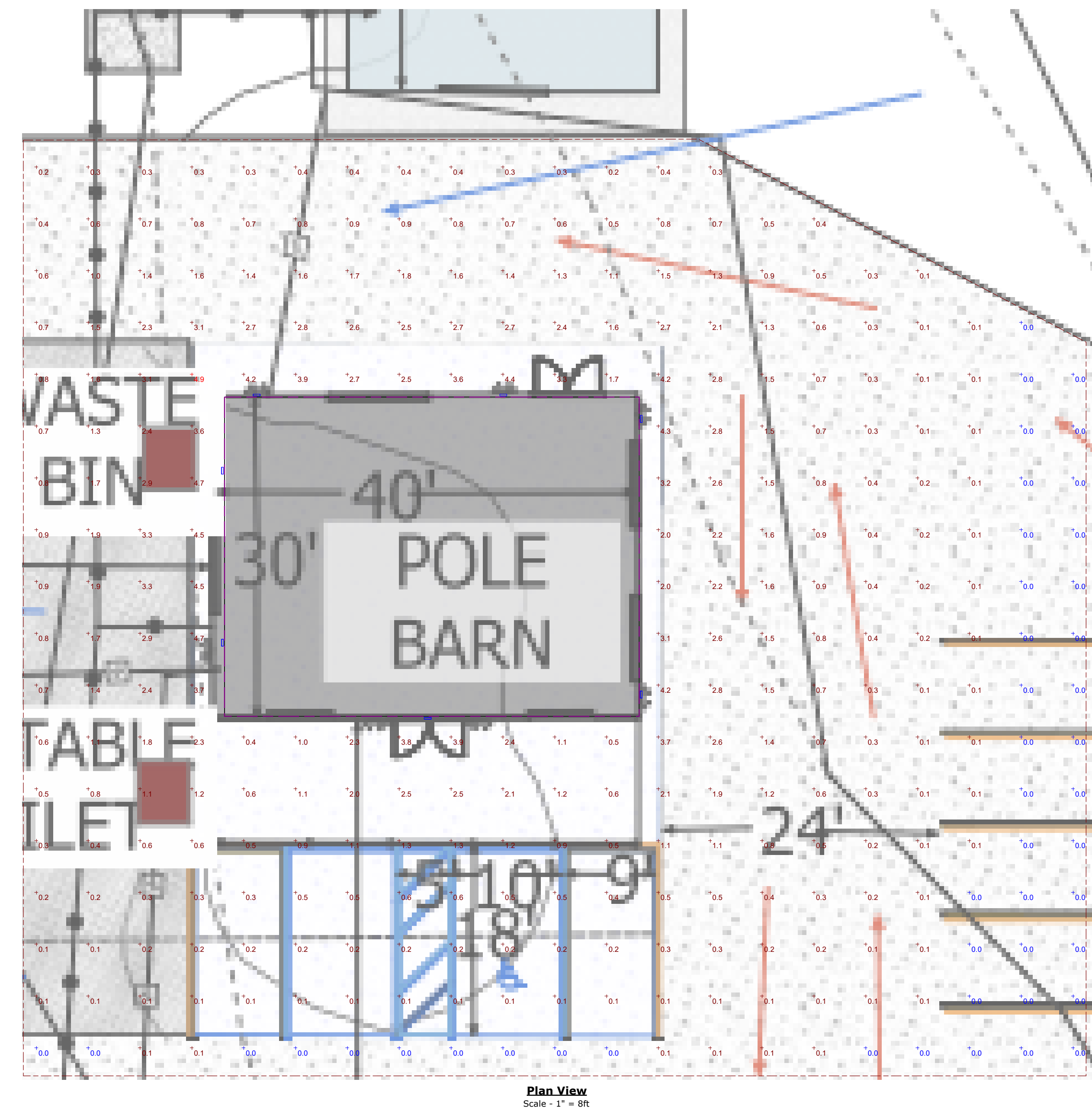
SHEET 4 OF 5: STORMWATER CALCULATIONS AND DRAINAGE DESCRIPTION

Wormie's Compost Farm Design
 5745 Whitneyville Rd,
 Alto, Michigan 49302
 Prepared by: Nicole E. Chardoul, Youssef Darwich
 April 18, 2023

Schedule											
Symbol	Label	Image	QTY	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power	Polar Plot
WPX	WPX		7	Lithonia Lighting	WPX1 LED P1 40K Mvolt	WPX1 LED wallpack 1500lm 4000K color temperature 120-277 Volts	1	1568	1	11.47	 Max: 701cd

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	1.0 fc	4.9 fc	0.0 fc	N/A	N/A



WORMIES, LLC

**PROJECT PROPOSAL FOR CASCADE TOWNSHIP
PLANNING COMMISSION**

April 18, 2022



TABLE OF CONTENTS

Introduction 3

History, recognitions and awards 3

Site development at 5745 Whitneyville Ave SE, Alto MI 4

Regulations and guidelines 7

Wormies composting site in comparison to conventional composting sites 9

Wormies composting system and technologies 13

Risk and nuisance controls 14

Growth plan 15

Community engagement and education 16

Current customers in Cascade Township 16

Wormies team 17

Wormies proposal to Cascade Township Planning Commission 18

Letters of support 18

Appendix A (Country Oaks Article) 19

Appendix B (Letters of Support) 24



Introduction

Wormies is a regenerative agricultural business focusing on composting with worms. The worms are fed, in part, food scraps from local residents. The food waste is mixed with carbon sources and passes through stages of hot composting, vermicomposting with worms, and finally harvesting. The finished product is sold as worm castings or blended into craft soil mixes or liquid soil amendments.

Worm castings are highly valued by organic gardeners and farmers due to their beneficial microbiology that promotes plant growth and soil fertility. Worm poop is odorless and safe for pets, people and the environment. It is pH-neutral.

Wormies is a purpose-driven company that believes these services are essential in improving the health of our communities, including our living ecosystems. By managing valuable resources such as food waste, Wormies is able to cycle nutrients back into the soil to grow plants that are nutrient dense and healthier for consumers.

Wormies composting operation is not only a solution that helps neutralize the effect of carbon dioxide emissions from landfills, but it also removes carbon dioxide and methane emissions from landfills but also removes carbon dioxide from the atmosphere and sequesters it for longer periods of time. This is considered a carbon-negative business.

History, recognitions & awards

Luis Chen started Wormies in 2018 with the vision to create the healthiest soil while providing a better solution for waste management. Up until 2021, Wormies operations were located in Jenison, Georgetown Township at Trillium Haven farm, which is adjacent to a residential subdivision. For 4 years Wormies operated without causing any nuisance to the neighborhood and serving as an attraction and educational space for the residents. (Please see attached letters of reference from our Trillium neighbor and Georgetown Township.) In 2020 our landlord sold the property to the township and we continued to rent the space from Georgetown Township. We moved out of the property due to the township's decision to use the land for wetland conservation purposes.



Over the past 4.5 years Wormies has been recognized and awarded for the quality of the finished products, its composting service, and for the innovation of its business model.

- 2022 Nextcycle MI, MICROS Grant
- 2022 Nextcycle MI, Market Development Grant
- 2021 NextCycle MI FLOWS Awardee and Showcase Winner
- 2021 Nominated as a finalist for GRBJ Newsmaker of the Year Award in the category of Sustainability
- 2020 Start Garden 5x5 winner
- 2019 Start Garden 100 Ideas winner
- 2018 Partners Worldwide startup idea winner
- 2018 US Composting Council mentorship award with Rodale Institute

Site development at 5745 Whitneyville Ave SE, Alto MI (Cascade Township)

Wormies, following discussions with Township officials, purchased this 13 acre property to move its operation and to develop the infrastructure for it. To that end Wormies secured a grant from the state of Michigan for \$365,000.

It is important to note that Wormies is more than a conventional composting operation. Most of the space in the property will be regenerated with the goal of having natural ecosystems that increase the biodiversity in the property and benefit Wormies composting process and finished products.

Natural Ecosystem upgrades -Wormies plans to make the following changes to the property:

- Biodiversity pond with biofiltration
- 2 acres of pollinator habitats NRCS
- 1 acre total of trees will be added
- 4 acres for biodynamic accumulator crops
- 1/2 acre educational garden and orchard



- 2 acre tree line to remain intact and managed

Infrastructure:

- 0.27 acre (12,000 sqf) driveway
- 0.23 acre (10,000 sqf) of hoophouses and barn
- 0.08 acre (3,600 sqf) feedstock pad bays
- 2 acre (87,000 sqf) for worm rows. That's only 1 acre of windrows with the space we leave in between.

16% of property space will be used for composting activities.

[Click here for aerial view rendering on youtube](#)





Regulations and guidelines

This type of facility is regulated by both the Township and the Michigan Department of Environment, Great Lakes and Energy - Material Management Division (EGLE MMD) and also requires their approval. A package of legislation relating to composting has passed the Michigan House of Representatives and is awaiting action by the State Senate. Wormies plans to satisfy those requirements as well as the requirements in Michigan Administrative Code Rule R 299.4121, as applicable, EGLE guidance, and MCL 324.11521. Other State requirements for this type of facility include:

- Register with the EGLE MMD.
- Conduct compost under controlled conditions.
- No compost water discharges into groundwater or surface water.
- Don't create nuisance.
- Compost material application will be done at agronomic rates.
- Inventory controls to ensure material is not kept on site for longer than is appropriate.
- Report volumes on a yearly basis.
- Annual \$600 registration fee.

Further, Wormies plans to adhere to the requirements of MCL 324.11521, even if they do not apply to Wormies' operations including:

1. Operations will be at least the following distances from each of the following features:
 - (A) 50 feet from a property line.
 - (B) 200 feet from a residence.
 - (C) 100 feet from a body of surface water, including a lake, stream, or wetland.
 - (D) 2,000 feet from a type I or type IIA water supply well.
 - (E) 800 feet from a type IIB or type III water supply well.
 - (F) 500 feet from a church or other house of worship, hospital, nursing home, licensed day care center, or school, other than a home school.
 - (G) 4 feet above groundwater.
2. Finished compost with not more than 1%, by weight, of foreign matter that will remain on a 4 millimeter screen.
3. Prevents the pooling of water by maintaining proper slopes and grades.
4. Properly manages stormwater runoff.
5. Does not attract or harbor rodents or other vectors.
6. Maintains, and makes available to EGLE, all of the following records:
 - (A) Records identifying the volume of compostable material accepted and the volume of compostable material and of compost transferred off-site each month.



(B) Records demonstrating that the composting operation is being performed in a manner that prevents nuisances and minimizes anaerobic conditions, including, unless otherwise approved by EGLE, records of carbon-to-nitrogen ratios, the amount materials received in tons or cubic yards, temperature readings, moisture content readings, and lab analysis of finished products.

Wormies is currently seeking approval from Cascade Township to develop and operate a “Medium Composting Facility” as defined in the pending legislation. This will be accomplished by amending the Township’s Zoning Ordinance to either: (1) provide that vermicompost operations fall within the definition of “agricultural;” (2) provide that properties zoned agricultural may operate a vermicompost operation with special use approval; or (3) rezone Wormies’ property to some other newly created zone in which vermiculture is permitted.

Before Wormies will renew its operations, it will register with the State and seek approval of a petition to approve its operation as proposed as well. We understand that the Planning and Zoning process will take some time and that the EGLE process should be faster as EGLE is already familiar with Wormies’ process and that is why we are starting with the Planning Commission first.

Michigan.gov released a “Composting Operation Training Guidebook”.

https://www.michigan.gov/documents/deq/deq-oea-compostoperatorguidebook_488399_7.pdf

This is one of the resources Wormies has used through its years of operation. In this guidebook composting operations are classified by capacity and sizing into three categories and recommendations are given: low, medium and high intensities. 3,000 cy annual per acre of composting material for low intensity to 8,000 cy for high intensity.

EGLE has confirmed to us that this type of facility would be allowed to have up to 1,000 cy of food waste on site in its active composting phase, a period of 3-6 months.

Wormies’ operation is below the low threshold for intensity at a maximum of 2,500 cy per year in a 13 acre property, thereby greatly diminishing the risk of nuisance.



Wormies composting site in comparison to conventional composting sites

Site biodiversity

Wormies composting operation incorporates permaculture principles to manage and regenerate the natural resources on the property. By increasing the biodiversity in the site Wormies provides a better habitat for its worms and increases the availability of beneficial organisms to work in the composting process. Through the NRCS programs WORMIES will be allocating 2 acres for pollinator habitats. Trees, shrubs and biodynamic accumulator crops will be grown on the property. This approach also helps to mitigate the risk of pests, smells and the pooling of water. Most commercial composting facilities use a bare plot and large acreage similar to a monoculture type of agriculture.

Yard clippings

Wormies does not offer composting of yard clippings. This makes the operation considerably smaller when compared to other facilities and also avoids the need for large equipment to manage the material. Also avoids traffic of vehicles onto the property.

Size of piles

Most composting facilities accumulate large amounts of feedstock in windrows over 6-8 ft tall to benefit from economies of scale. Wormies hot composting system and worm windrows have a maximum height of 4 ft. It makes it easier to manage with small equipment and mitigates the risk of anaerobic conditions that cause smells.

Wormies maximum processing capacity is targeted at 2,400 cy per year, a small amount easily manageable and with a low risk of nuisance given all the controls and protocols in place. To put it in perspective, neighboring farms in Cascade Township are allowed and do in fact have active compost piles of 5,000 cubic yards.

For your reference Country Oaks composting operation located at 3218 E Atherton Rd, Burton, MI 48529. Considered a high intensity operation, they compost 17,000 cubic yards of material per year. They have been operating for over 15 years in a residential subdivision with its closest residential neighbor less than 200 ft from their site. They use similar negative aeration technology to what Wormies uses for its active composting phase. They were recently featured in this [article](#). (See Appendix A)



Micro-hauling model

Wormies is the only company in Kent County offering a micro-hauling solution for residential collection of food waste for composting purposes. Wormies recommends that its sources provide food-preparation waste, not post consumption waste. Wormies requires that its larger sources (restaurants) provide only preparation, pre-consumption plant waste. Most composting facilities and haulers focus on hauling large quantities of material or yard waste due to their efficiencies of scale. Wormies focuses on micro-hauling of 5 gal sizes per residential customer while other composting facilities offer 30 gal or 65 gal carts per residence which can be too big for the needs of one household. On average each household produces 5 gal of food waste per week.

Vermicomposting

The utilization of worms in the composting process at Wormies is an extra step that most composting facilities do not have. Once the material is passed through the gut of the worm it's naturally neutralized and pelletized, becoming odorless and pH-neutral.

Wormies is not a monoculture of composting windrows



Wormies is not a dump site



Wormies is not a facility with large loud machinery

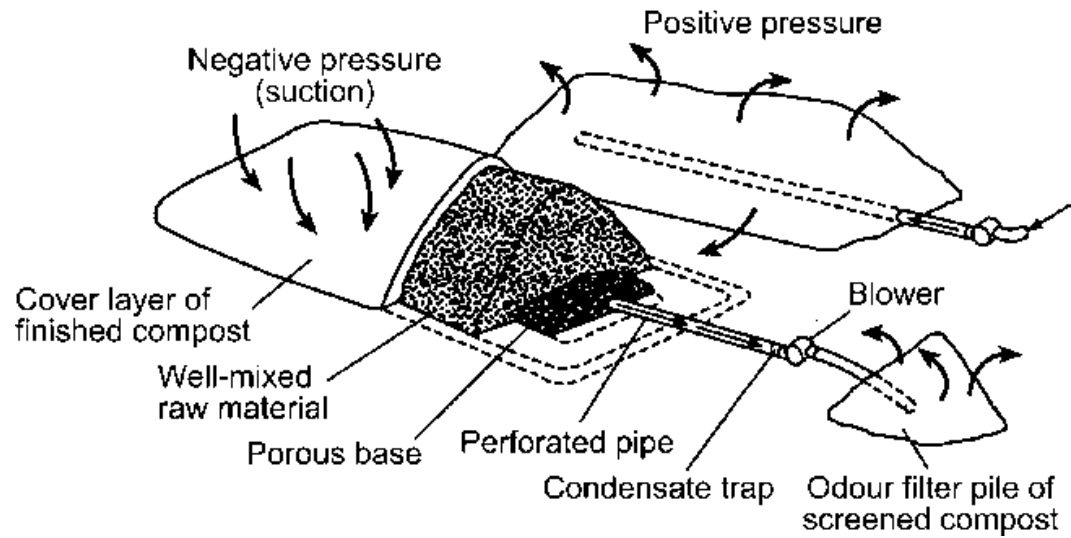


Wormies is not a facility with high volume tall windrows



Wormies composting system and technologies

1st. Thermophilic composting using ASP with negative aeration for at least 21 days.
Material is contained in enclosed bays.



2nd. Vermicomposting with worms in windrows for at least 8 months.



3. Screening and bagging equipment



Risk and Nuisance Controls

1. ASP Negative Aeration system sucks in the oxygen and any potential odors from the active piles and directs it through pipes into a carbon filter pool.
2. Active composting phase is at least 21 days. We do not turn the active piles until day 21 at least. Diminishing the risk of smells.
3. Piles are monitored daily for temperature, moisture content, particle size, oxygen content and diffusion. Ensuring aerobic conditions are present and decreasing the risk of smells.
4. Feedstock receipt protocol. On collection days we will receive between 1 to 10 cubic yards of food waste. A very small amount that allows us to manage and mix our recipe with carbon particles quickly in under 20 minutes. We do not accept or process feedstock that are already putrid or with an unmanageable foul smell. And we are able to enforce this protocol through our micro-hauling activities. We do not process large amounts of yard waste and it is not in our business model to receive large amounts of yard waste.
5. Active compost piles are located over 200 ft distance from neighboring houses. Greatly diminishing the risk of nuisance.
6. Thick vegetation buffers surround all our 2 acre composting areas. It helps to intercept and filter particulate matter that may contain odorous compounds.



7. Active composting area is sheltered and surrounded by trees, a hoophouse, and on a low surface point in the property. This greatly diminishes the risk for potential odors to travel with the wind.
8. Active piles are capped with a layer of aged or finished compost or fine aged wood chips. This prevents odors from escaping the piles.
9. Composting areas are designed with drainage so runoff water is managed to prevent odorous puddles from forming.
10. Our composting recipe consists of at least 40% carbon, that carbon is mostly woodchips, sawdust or leaves which allows for all the nitrogen sources to dissipate and adhere to the carbon particles quickly. Preventing anaerobic conditions with the risk of odor.
11. Initial active phase of composting (thermophilic) is done in bays keeping the material contained and sheltered. This diminishes the risk of pests. Though those are already deterred by the temperature that the piles reach and the insulation cap that we place on the material.
12. Wormies finished product, aka worm castings, vermicompost or worm manure is odorless. It provides no risk of nuisance in comparison to the manure of other farm livestock.
13. Wormies avoids post-consumer food waste, including animal parts (bones and meats). This decreases the risk of pests and odor nuisance.

Growth Plan

January to December 2022:

- 15 cy/month food waste collection
- Max of 200 cy of active composting material on site at a time.
- Using 20,600 sqf (½ acre) area for active and matured compost
- Develop the infrastructure for the new site will allow to increase the capacity to process value added products

January to December 2023:

- 75 cy/month food waste collection



- 1000 cy active composting on site
- Using 103,000 sqf (2.3 acres) area for active and matured compost

January to December 2024:

- Upon the success of the site we will pursue the development of a second location near Holland

Community engagement and education

Wormies is all about creating community around the idea of composting. Pickup service customers receive a share of the finished product to close the loop or they can opt to donate their share of finished compost to Wormies community garden partners.

Every growing season Wormies organizes donation events at community gardens in the area and delivers finished compost on behalf of customers. Some of the gardens and organizations Wormies has partnered with include: Mary Free Bed YMCA, Our Kitchen Table, MLK Freedom School, SECOM, Dwelling Place and many more!

Wormies offers educational workshops and events throughout the year on various topics including composting and soil health. Wormies has been part of Meijer Gardens educational programming for the past 3 years. In 2021 Wormies co-founded the 1st Michigan Compost Cup and Symposium that attracted over 75 soil nerds from all over the state.

Wormies offered consulting for Delta College, GVSU, Ada Christian School and many farms in West Michigan.

To promote awareness around composting and soil health Wormies partners with community leaders and organizations, such as Kent County Department of Public Works, West Michigan Sustainable Business Forum, Michigan Recycling Coalition, GR Public Schools, Urban Agriculture Committee, Kent County Food Policy Council, Climate Crisis Coalition, West Michigan Growers Group and others.

Current customers in Cascade Township:

6995 Bridge Water Dr SE, Sarah Klemm
802 Dogwood Meadows, Jennifer Whyte
841 Dogwood Meadows, Dale Bowman
2300 Buttrick Ave SE, Nicole Cruz



3157 Howlett Dr, SE, Rachell Babbit
3279 Hidden Hills Ct SE, Laura Vaughn
7170 Artisan Woods SE, Jessa Challa
6940 Bridgewater Dr SE, Sandy Van Brouwer
6399 Cascade Pointe Dr SE, Leslie Stolz
2300 Christine Ct SE, Kelly Bowen Burke
Thomett Stables
Mary Free Bed YMCA

Plus another dozen served through the sales of products and consulting service.

Team

Wormies continues to grow due to the commitment of a strong leadership team and our team of consultants.

Luis Chen - Founder & CEO

Certified Compost Facility Operator by the US Composting Council. Member of the Soil Food Web Institute. Former 12 year career as a forensic auditor. Board member of the West Michigan Growers Group. Board member of the Young Farmers Coalition.

Jim Yost - Development Partner

A former science teacher, specializing in environmental studies. Leads operations and compliance, biochar, and educational outreach.

Chandler Michalsky - Living Soil Director

Craft organic grower specializing in no-till and living soil methods. Oversees all soil blends operations and product innovation including bokashi and recipes for soil blends and teas.

Sarah Yost - Brand and Marketing

UX specialist and digital artist specializing in small business and non-profit branding, web design and marketing. Graduate of Boston University's Center for Digital Imaging Arts.

Consultants:

- O2 Compost
- EarthFort Labs
- NextCycle



- Start Garden
- Spring GR

Wormies proposal to Cascade Township Planning Commission

Wormies, LLC appreciates the time and consideration of the planning commission to allow Wormies to operate at 5745 Whitneyville Ave SE as an agricultural activity with its main focus on composting as a “Medium Composting Facility” based on permitting and approval from EGLE MMD. Wormies has the funding to succeed and provide an enriching experience for the neighbors and possesses the team, qualifications and experience to do so. Its composting operation is considerably low intensity compared to conventional composting operations and not limited to composting but also micro-hauling, manufacturing of soil blends, growing of biodynamic accumulators, compost tea application service, consulting and education. Wormies’ operation possesses a low risk of nuisance such as smells, noise, dust, traffic and pests.

Letters of support - See Appendix B

We hope these letters of support will help Cascade Township with their decision.

- Georgetown Township, previous landlord
- Andrew Poole, neighbor at old property
- Kent County DPW
- Kent County Food Policy Council
- Local First of West Michigan
- West Michigan Sustainable Business Forum
- Spring GR
- Jennifer Whyte, customer in Cascade
- Sandy Van Brouwer, customer in Cascade
- Kelly Burke, customer in Cascade
- Nicole Marie Cruz, customer in Cascade



Appendix A



MARCH 21, 2022 | COLLECTION, COMPOSTING, FOOD WASTE, OPERATIONS

Compost Heat Recovery Spawns Aquaponics Enterprise

The need to switch from windrows to aerated static piles to manage odors prompted Michigan landscape supply company to take advantage of the opportunity to recover heat.



RELATED POSTS

On-Site Commercial Food Waste Digester



Waste Disposal Surcharges Review



New Industry Classification For Compost



Top: Heat from the composting process warms the radiant floor in the greenhouse. Nutrients from the fish waste (tanks in background) are processed to fertilize the crops. Images courtesy of Country Oaks Landscape Supply

Nora Goldstein

Country Oaks Landscape Supply (Country Oaks) in Burton, Michigan, founded in 1987, began composting yard trimmings in the mid-2010s. The turned windrow composting operation complemented an existing mulch production facility, expanding product offerings. Mark Cherry, second generation owner of Country Oaks since 2001, took a compost operator training course to learn the fundamentals. "I was more interested in the end product than the tipping fees," he recalls. "There is not a lot of composting infrastructure in this part of the state."



Panoramic view of Country Oaks Landscape Supply, showing, from left to right, the end of the composting pad, new greenhouse, biofilter, CAHR unit, the shop and sales building, and back to the composting pad and recessed channels. Photo by Jason McCune-Sanders, Agrilab Technologies Inc.

The facility ran into odor challenges, primarily when turning piles that had become anaerobic. Odor complaints ultimately led to the municipality issuing a warning that if Country Oaks did not address the situation, its composting operation would be shut down. "I knew that to solve the problem, my best option was to switch to an aerated static pile system," notes Cherry. "I took a class on compost pile aeration at the US Composting Council Conference in 2019, as well as did a lot of research — including the option of combining aeration with compost heat recovery. I decided it made sense to go with that option, as I could use the recovered heat in a pole barn we had built for product storage and a sales office."

Cherry connected with Brian Jerose, owner of Agrilab Technologies, Inc. (AGT) in Enosburg Falls, Vermont, which designs and installs compost aeration and heat recovery (CAHR) equipment. AGT installed an AGT Compost Hot Box 250-8R unit, which has 8 compost zone intakes and vapor recirculation capability. The composting pad is 100 feet by 200 feet. "The system, which began operating in February 2020, runs on two 3-HP aeration blowers that can push or pull airflow through the pipes installed in concrete trenches in the aeration floor under each zone," explains Jerose. "When operating in the negative aeration mode, vapor comes through the pipes [ductwork], passes through a sump tank to remove condensate, and then goes into the heat exchanger. Water and glycol circulate through the heat exchanger, which capture the thermal energy in the vapor stream. That tubing connects via an underground insulated pipe to the radiant floor in the pole barn."



iq

Classification For Compost Manufacturing






The 100 foot by 200 foot, 8 zone composting pad has pipes in the trenches of the aeration zones (above). The system runs in both positive and negative aeration modes.

The recovered condensate can be used to irrigate the compost biofilter. The airflow also can operate in the positive mode to maintain a minimum of 10% oxygen in the active compost or to have hot exhaust recirculated into new compost piles to give the temperature a boost. Country Oaks starts new piles on positive aeration to build up the heat, and then switches to negative aeration. The company contracts with AGT to remotely monitor and manage the composting aeration system, including optimizing the use of positive/negative operating modes and heat recovery. Since the CAHR system was installed, the facility has not received any odor complaints.



Heat exchangers and piping inside the AGT Compost Hot Box 250-8R. Photo courtesy Agrilab Technologies, Inc.

Food Waste Collection

Country Oaks composts 10,000 to 15,000 tons/year of source separated organics, or between 30,000 to 35,000 cubic yards/year. "About 97% of incoming feedstocks are yard trimmings, and the rest is food waste that we collect from commercial generators," says Cherry. "We purchased a truck with a cart lifter, which tips the food waste into the top of the truck. All food waste is accepted, as well as soiled paper and BPI-certified compostable products. Customers are provided 32- and 64-gallon carts for their food waste. We've only been collecting and composting food waste for about 10 months so are relatively new to it."

The active aerated composting phase is about four to five weeks. The curing phase is anywhere from three to eight months. The piles are turned during curing to



Products include a wide range of soil blends, including compost-based soils for storm water management and erosion control. Country Oaks owns a Rotobagger unit (manufactured by Rotochopper) that can be used to fill sediment control socks. It also supplies mulches, compost and soil blends in bulk and in bags to area garden centers.

The CAHR has increased compost process efficiency and significantly cut diesel fuel costs, adds Cherry. "It also saves on labor. The entire process is more hands off, especially as AGT oversees aeration and heat exchanger management."

Aquaponics Venture

The ability to recover and circulate heat combined with Cherry's ongoing interest and willingness to diversify Country Oaks' offerings, led to the launch of an aquaponics enterprise in 2021. A 3,500 sq. ft. greenhouse was constructed, along with two 1,000-gallon fish tanks to raise tilapia. Cherry worked with Jim Gill, founder of Aqua Growers of Michigan, to build and manage the aquaponics system. A second heat exchanger was installed in the AGT Compost Hot Box 250-8R to recover additional thermal energy from the composting process to heat the aquaponics operation. The glycol and water tubes inside insulated Badger pipe run underground from the heat exchanger to the fish tanks. The desired temperature in the fish tanks is 73°F to 78°F; the warm air also is used to provide radiant heating in the greenhouse.



Fish waste in the tanks (rear) flows into clarifiers (center) to separate the solids from the nitrites. Microbes on floating biofilters (foreground) consume the nitrites and convert them to nitrates for the plants to absorb. Greenhouse-raised tilapia on right (inset).

The fish waste in the tanks goes through a clarifier to separate the solids from the nitrites. (The solids are removed and composted.) Microbes on a floating biofilter consume the nitrites and convert them to nitrates for the plant roots to absorb. "We are definitely on a learning curve since we started up the system last fall," notes Cherry. "The tilapia requires specific conditions to thrive, and the plants require specific nutrients to grow, so optimizing the process for both fish and plants is critical. Everything is going well. We are growing lettuce, herbs, kale, tomatoes and other plants and selling the produce to restaurants and other customers. At this

collage-1.indd



The fish waste in the tanks goes through a clarifier to separate the solids from the nitrites. (The solids are removed and composted.) Microbes on a floating biofilter consume the nitrites and convert them to nitrates for the plant roots to absorb. "We are definitely on a learning curve since we started up the system last fall," notes Cherry. "The tilapia requires specific conditions to thrive, and the plants require specific nutrients to grow, so optimizing the process for both fish and plants is critical. Everything is going well. We are growing lettuce, herbs, kale, tomatoes and other plants and selling the produce to restaurants and other customers. At this point, we do not have a market for the tilapia."

All in, Country Oaks has invested about \$500,000 in the transition from windrow composting to aerated static piles with heat recovery and the aquaponics enterprise (view process in this [video](#) on Facebook). Around \$350,000 of that amount was for the CAHR equipment, biofilter and working pad improvements. The labor, heat and fuel savings are significant, and compost and soil blends sales are strong. The CAHR system enabled the site to increase total production on a smaller physical footprint. "It's too early to gauge our return on investment," says Cherry. "But we have achieved our goal of creating a full-circle, closed loop enterprise that contributes to building healthy soils, generating renewable energy, and growing fresh food."



TAGS: [AQUAPONICS](#), [YARD TRIMMINGS](#), [ZERO WASTE](#)

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Appendix B





**KENT COUNTY
DEPARTMENT OF
PUBLIC WORKS**

April 5, 2022

2022 BOARD

Emily Brieve
Chair

Cynthia Janes
Vice Chair

Ben Greene
Secretary

David Bulkowski

Dan Burrill

Phil Skaggs

Ken Yonker

Darwin Baas
Director

Chris Noordyke, Chair
Cascade Township Planning Commission
RE: Wormies Vermicompost, Luis Chen, 5745 Whitneyville Ave SE

Chair Noordyke:

Kent County Department of Public Works is pleased to extend support to Wormies Vermicompost in their work to keep food scraps out of landfills by creating a nutrient-rich soil amendment that helps build sustainable food systems in our community. Though small in scale, their vermicompost operation is supporting Kent County DPW's goal of reducing waste going to landfill by 90% by 2030.

Wormies Vermicompost Farm is a startup that began in 2017 and has received recognition from various Economic Support Organizations (ESOs), such as Start Garden, Next Cycle and Local First, and intentionally partners with community players, such as Our Kitchen Table, to reduce waste and increase access to resources that rejuvenate soil.

Through their micro-hauler and micro-composting business model, they will collect and process up to 1,000 cubic yards of food scraps from residential and commercial customers and local farms and stables on their 13-acre parcel. Comparatively speaking, nearby farms in Cascade Township are allowed to have compost piles containing 5,000 cubic yards of organic farm wastes per acre. The entire process of hot composting and vermicomposting with worms is closely supervised by qualified staff and mostly contained in an enclosed building.

Wormies fills an important niche in Kent County with their innovative approach to turning food waste into a valuable product. We're confident that they will be a good neighbor in Cascade Township. I encourage you to thoughtfully consider Wormies Vermicompost's request to operate in Cascade Township to reduce organic waste going to landfill, replenish nutrients in the soil, and provide jobs and economic value to the local economy.

Please don't hesitate to contact me regarding this, recycling, or other subject matter related to municipal solid waste.

Darwin Baas
Director



1045 Wealthy Street SW
Grand Rapids, MI 49504

616.632.7920 tel
616.632.7925 fax
kcdpw@kentcountymi.gov
www.reimaginetrash.org



Kent County Food Policy Council

A Committee of ENTf

Cascade Township Planning Commission.
Re: 5745 Whitneyville Ave SE

April 6, 2022

To Whom This May Concern:

I write on behalf of the Kent County Food Policy Council to express our support for for Wormies Vermicompost Farm as it pursues the development of a new site in Cascade Township. Wormies makes sure that locally generated food waste is returned to the local soil through composting. Their micro-hauling and micro-composting operation significantly diverts food waste from landfills. Additionally, Wormies ensures that members of our community can learn about the waste management benefits of composting through their residential services and community outreach.

The Kent County Food Policy Council (KCFPC) formed in 2021 to inform local policy and decision makers on the current and future issues that will impact local food production, consumption, and access. We bring together residents, organizations, agencies, and businesses to strengthen and grow the local food system. Part of our food system includes food waste recovery: as food waste is a significant contributor to climate change and since soil erosion is a significant issue we face; we need actors like Wormies to show us the way to a more sustainable future.

What is most impressive about Wormies is their commitment to community benefit: this is not a business that will steamroll a community for the sake of profit. Wormies is committed to the betterment of our greater food system and is willing to put in the time to build relationships, educate the community and provide ways to participate for people who want to be engaged. We need more businesses like this.

The Kent County Food Policy Council supports Wormies Vermicompost and Luis Chen's efforts to expand their business in Kent County. We encourage you to consider their proposal to create a stronger and more resilient food system in our region.

Thank you for your consideration and we wish you well.

Warmly,



Janelle Vandergrift
Coordinator
Kent County Food Policy Council





April 5, 2022

Attention: Cascade Township Planning Commission

Dear Commissioners,

I am writing to indicate our strong support for the Wormies compost facility that will be located at 5745 Whitneyville Ave SE, an agricultural use in agricultural zoned property in Cascade Township. As an introduction, West Michigan Sustainable Business Forum works with businesses and institutions to advance business practices that promote clean energy, community resilience and the creation of a circular economy. We are the largest organization for beyond-compliance sustainability practitioners in the Midwest, and are active partners to several of the largest employers in the township.

I have some familiarity with the township's efforts to promote a high-quality of life for its residents through conservation programs, parks and community assets. These thoughtful investments and decisions have made it one of the most desirable communities in the state.

My organization works with businesses and communities throughout the region and state. We are among the state's foremost experts in composting and organics recycling, and I will note that it is not uncommon for these facilities to receive additional scrutiny from local governments. There has been a history of bad actors in Michigan, to a certain degree enabled by outdated state policy. We understand why local governments and neighbors often are hesitant to invite this use into their communities.

Problem facilities are universally composters that focus on yard waste and the larger volume municipal streams that are banned from Michigan landfills. This is the polar opposite of Wormies' business model, a boutique operation designed to thrive at a small to medium scale. It will not process yard waste and will never serve more than 2,000 homes. Unlike the yard waste processors, this company is focused on creating high-quality compost for demanding customers. This is not a waste management operation, it is a farm. The site will preserve agricultural use in a unique industry with growth potential. It will also offer educational opportunities for local youth and professionals that are not currently available in the area.

Last month I served as a judge for the NextCycle program, a start-up competition managed by Lawrence Technological University and global consulting firm RRS. We were pleased to recognize Wormies as the winner in the organics category against competition from across the country. This is an innovative and important start-up that I strongly believe will be an asset to the township and region.

I can be reached at (616) 308-4761 or dschoonmaker@wmsbf.org if you have any questions. I strongly recommend approving the application.

Daniel Schoonmaker
Executive Director

West Michigan Sustainable Business Forum • Michigan's Great Southwest Sustainable Business Forum
Michigan Sustainable Business Forum • Lakeshore Sustainability Forum
PO Box 68696 • Grand Rapids, Mich. 49516 • wmsbf.org





March 28, 2022

Dear Planning Commission at Cascade Township:

We are pleased to provide this letter in support of a new development site in Cascade Township for Wormies Vermicompost Farm. Believing that every individual deserves the opportunity to succeed, we intentionally partner with entrepreneurs and initiatives that increase access to economic mobility and build thriving communities. Our work at SpringGR (www.springgr.com) focuses on empowering primarily minority entrepreneurs to start businesses and create real profit, which strengthens our community. Wormies Vermicompost Farm, a SpringGR business, is one of those local startup companies creating economic opportunity in the greater Grand Rapids area.

In 2016, Luis Chen, founder of Wormies, participated in the SpringGR program. Here, he developed the necessary skills to bring his idea to life. Luis’s passion was to create a high-quality natural fertilizer by composting food scraps, and through the support of the SpringGR program, his idea became a strong and sustainable business. He gained an in-depth perspective of business and management and learned how to launch, organize, and scale his business. In 2017, Wormies Vermicompost Farm was officially founded as a collective effort of family, friends, and volunteers. We have since supported and followed Luis’s excellent work over the years. The company’s passion for composting is rooted in principles of sustainable and organic agriculture, which is good not only for our environment but also for our economy.

We believe local businesses are key players in our economic ecosystem—a system that exists to scale new startup companies and build a strong business community. Local businesses create enriching opportunities and add value to our community, providing healthy places for people to live, work, learn, and play. We can attest to the transformative impact small businesses like Wormies have in creating economic benefits, and we urge you to consider granting the proper permits to develop land in Cascade Township for a new site location. Approval will allow the company to expand and continue its good work.

Thank you for your consideration and support. We look forward to the benefits this will bring to the Cascade area. If you have any questions, please feel free to contact us.

Sincerely,

Jason Zylstra
VP of Philanthropy
jasonz@dvfoundations.org

Attah Obande
SpringGR Director
attah@springgr.com

Arlene Campbell
SpringGR Director
arlene@springgr.com

818 Butterworth SW, Ste. 100, Grand Rapids, MI 49504



Cascade Township
Planning Commission

To whom it may concern,

I was a neighbor to Wormies during the years they were located in Jenison, MI, from 2018-2021. My house was located about 250 feet away from their composting operation. It was a consistently positive experience. We never experienced any type of nuisance, smells, noise or pests. I did enjoy coming to visit them frequently.

Their worm farm and composting operation was clean and professional and posed no negative effects to our residential subdivision. On the contrary, as they succeeded with their business I also gained interest to grow my own garden using Wormies all natural and organic methods.

I understand Wormies has relocated to your township and is seeking a special permit to run their business. We recommend them as considerate neighbors and good stewards of the land who perform a very valuable service for our community.

Please do not hesitate to contact me if you have any questions. I will be happy to answer any further questions.

Sincerely,

Andrew Poole
1300 Elmwood Dr, Jenison MI
Phone: 616-822-8439



To the Cascade Township Planning Commission,

I've been a customer of Wormies Vermicompost since week 1 and I'm so glad a service such as theirs exists in our community. I was also very delighted to hear they had acquired a new space to operate out of and that it was in my township, Cascade Township. Wormies does so much for the environment and the community and I believe they're such a valuable and amazing enterprise. Composting has changed so much and modern composting is so helpful and unintrusive, the lives of people around them will not be impacted in a negative way by the operations of Wormies. I have my Wormies bucket out on my porch and I put the pepper food waste and they pick it up, every number of pickups they drop off compost at my door ready to use to feed my garden. As a resident of Cascade Township I love this service. I implore the Cascade Township Planning Commission to consider and support Wormies and all it has to offer for our community and our environment.

Sincerely,
Nicole Marie Cruz Flores
2300 Buttrick Ave SE, Ada MI
(616) 286-4596



To whom it may concern,

I am a current customer of Wormies and I am also a resident of Cascade Township.

I understand Wormies has relocated to our township and is seeking a special permit to run their business. We highly recommend them as an excellent business to have in our township. They are providing a solution like no one else and are good stewards of the land who perform a valuable service for our community.

Every Spring I look forward to gardening with their line of soil products, which is all organic and locally made with my own food scraps! And I very much appreciate having an environmentally responsible alternative to sending my food scraps to the landfill.

Please do not hesitate to contact me if you have any questions. We look forward to continuing our Wormies membership and are excited for all of the environmental and economic benefits they will bring to Cascade.

Sincerely,

Kelly Burke
Phone: (810) 599-1036
2300 Christine Ct. SE, Grand Rapids, MI 49546



April 8, 2022

To the attention of the Cascade Township Planning Commission,

I am writing to you as a valued Wormies customer and a longtime resident of the Ada/Cascade area to express my support for Luis Chen and the great work he is doing for our community.

It has been brought to my attention that a resident(s) is opposing Luis' compost farm. I feel there are concerns with this individual(s) due to lack of knowledge and education around composting. Not only is his farm zoned for agriculture, but Luis and his team maintain a clean environment, complying to all regulated processes and guidelines.

I believe most people think of a compost farm and have visions of a landfill. That is the furthest from the truth. We need to help educate our neighbors. His farm is no different than the nurseries in our neighborhood like Bos Farms and Koetsiers living adjacent to residential homes. The work Luis and his team do every day, enhances the structure and quality of our town's soil, creates less waste, reduces stormwater runoff and soil erosion, protects the climate, reduces methane emissions, creates jobs; supporting our local economy, and it is just simply environmentally responsible.

I fully support the work that Luis, Wormies Vermicompost, and his team are doing. Please feel free to reach out if you have any questions.

Thank you,

Sandy Van Brouwer
6940 Bridgewater Dr
Grand Rapids, MI 49546



April 4, 2022

To the attention of the Cascade Township Planning Commission,

I am writing to you as a valued Wormies customer and a longtime resident of the Ada/Cascade area to express my support for Luis Chen and the great work he is doing for our community.

It has been brought to my attention that a resident(s) is opposing Luis' compost farm. I feel there are concerns with this individual(s) due to lack of knowledge and education around composting. Not only is his farm zoned for agriculture, but Luis and his team maintain a clean environment, complying to all regulated processes and guidelines.

I believe most people think of a compost farm and have visions of a landfill. That is the furthest from the truth. We need to help educate our neighbors. His farm is no different than the nurseries in our neighborhood like Bos Farms and Koetsiers living adjacent to residential homes. The work Luis and his team do every day, enhances the structure and quality of our town's soil, creates less waste, reduces stormwater runoff and soil erosion, protects the climate, reduces methane emissions, creates jobs; supporting our local economy, and it is just simply environmentally responsible.

I fully support the work that Luis, Wormies Vermicompost, and his team are doing. Please feel free to reach out if you have any questions.

Thank you,

Jennifer Whyte
802 Dogwood Meadows Drive SE
Ada, MI 49301





111 South Division Ave NE
Grand Rapids, MI 49503
616.808.3788
localfirst.com

March 22, 2022

On behalf of Local First West Michigan, I am pleased to provide this letter of support for Wormies Vermicompost Farm as it pursues the development of a new site in Cascade Township. At Local First, our team focuses on supporting a people first economy through local ownership. We do this because communities with higher percentages of locally-owned companies are healthier by nearly every **social**, **environmental**, and **economic** indicator. Wormies Vermicompost Farm is one of those beloved local businesses helping to move the needle on local, comprehensive sustainability and, as we see it, the betterment of its community.

Wormies Vermicompost Farm is a startup that began in 2017 and has received recognition from various Economic Support Organizations (ESOs), such as Start Garden, Next Cycle and ourselves, and intentionally partners with community players, such as Our Kitchen Table, to reduce waste and increase access to resources that rejuvenate our soil. The work of Wormies invites community members to engage in the care of our common home. Wormies takes the greatest care is utilizing the best technology for organic processing and producing the highest quality soil.

Passionate, innovative local businesses like Luis' are the vehicles by which our dollars recirculate in the community, our friends and family receive job opportunities, and our local economy becomes more self-reliant. A [study](#) in partnership with [Civic Economics](#), revealed that 68% of our money stays in our community when individuals support local businesses over national brands/chains and franchises. It's also a way to reintegrate our lives and connect in practical ways with the people we live and work with.

It's my understanding that Wormies recently received an underwriting grant to develop land in Cascade Township for a new site location and is working with the township to file and obtain the proper permits. We urge you to consider the place-based and economic benefits of this medium-sized, scalable business within your community, as Luis has shown over time the value of collaboration and created enriching opportunities in the Greater Grand Rapids area through their product and service offerings. Approval of the proper permits will allow Wormies to further its impacts through community education and engagement in the township, as well as, employment opportunities.

While Local First strives to lead the development of an economy grounded in local ownership that meets the basic needs of people, builds local wealth and social capital, functions in harmony with our ecosystem, and encourages joyful community; our organization could not make this mission and vision possible without the presence of companies like Wormies Vermicompost Farms.

Please do not hesitate to contact me if you have any questions. It would be my pleasure to share my enthusiasm for Wormies' impact in the region.

Sincerely,
Kathleen Roark

Director of Engagement, Local First West Michigan
kathleen@localfirst.com





CASCADE CHARTER TOWNSHIP

5920 Tahoe Drive SE Grand Rapids, Michigan 49546-7140

Date May 15, 2023
To Brian Hilbrands
From Aric Thorne, PE
Subject Site Plan Review: Wormie's Compost Farm, 5745 Whitneyville Ave SE

I have reviewed the site plan for Wormie's Compost Farm prepared by Resource Recycling Systems and Water Stone Gardens. **The current site plan and basis of this review are dated April 18, 2023.** The applicant is proposing the construction of a soil compost site on Agricultural Rural Conservation zoned land.

Stormwater and Drainage

The proposed project is being reviewed under the 2022 Stormwater Ordinance and the criteria in the Stormwater Standards Manual revised March 2021.

The project site is in Flood Control Zone 1 and critical subwatershed Cascade Southeast. The overall layout of the site includes a 5,040-sft hoophouse, 1,200-sft enclosed pole barn, 6,784-sft asphalt pad for receiving, mixing, and pre-processing compost material, 2,849-cft lined collection basin, and 1,320-sft concrete parking area all accessible by gravel drive from Whitneyville Avenue. The proposed stormwater controls include a lined collection basin to capture water runoff contaminated by compost from an asphalt pad and a retention basin for the remaining runoff area.

Flood Control

Retention basins in Flood Control Zone 1 are required to be designed to the 100-year storm event. The applicant provided supporting calculations for sufficient design of both the lined catchment basin and retention basin. The geotechnical report provides soiling borings and test pit data in key design locations throughout the site. The report indicates that ground water was not encountered during testing. The depth of the lined catchment basin and retention basin then appear feasible. Emergency overflow routes are indicated on the plan. The lined basin overflows into the retention basin, and the basin into a natural channel draining to wetlands in the southwestern part of the site plan.

Water Quality and Channel Protection

Water quality may be provided through the retention basin. Basin design and soil data results, including the infiltration rate, are sufficiently provided to meet standard. Each basin includes minimum 1-foot of freeboard above the required storage volume and minimum 18-inches above groundwater level. Should groundwater be encountered during construction, subsequent geotechnical investigation to ensure standard adherence should be completed.

Drainage Plan

The applicant has submitted a plan sheet with drainage patterns and the location of stormwater management facilities. The peak discharges for the lined collection and retention basins are provided.

A maintenance agreement and a long-term maintenance plan are required before construction begins. The maintenance agreement and plan should include at a minimum the cleaning of pretreatment areas and the retention basin.

Utilities and General Comments

The plan drawing indicates a water well to be drilled for potable water, equipment, and composting operations. The well and required buffer is shown. No sanitary sewer or septic system will be installed on-site. The Fire Department should provide input on water tank volume for fire suppression needs.

The applicant must register the compost site through the Michigan Department of Great Lakes, Environment and Energy (EGLE). I reviewed the required setbacks EGLE specifies and the applicant appears to meet these.

The Township should acquire the Comprehensive Compost Site Management Plan (CSMP) described in the plan drawing once it is complete. I recommend that the Township requires in this plan, or through the maintenance plan, or another means, consideration in the event that operation on-site was to pause for a period of time or completely cease (e.g., cleaning and/or filling in the lined collection basin).

Soil Erosion and Sedimentation Control

The Kent County Road Commission (KCRC) must review and approve plans and issue a soil erosion and sedimentation control permit before construction may begin. No measures are shown on the plan drawing.

Summary

The proposed stormwater management design meets the Township Stormwater Ordinance requirements for the site location. I recommend approval from an engineering point of view.

Let me know if you have any questions or concerns.

Laurel Johnson, Whitneyville Rd, expressed concern with the air quality and wondered what the plan is for the colder months.

Motion was made by Member Rissi to close public hearing. Supported by Member Engel. Motion carried 7 to 0.

Member Rowland read an excerpt from the Michigan Legislature website stating that cigar bars located on the premises must be separated from any areas of the same or adjacent establishment in which smoking is prohibited. Physically separated was defined as areas that are enclosed on all sides by a combination of solid walls, windows, or doors that extend from floor to ceiling. Member Rowland would like to see the preliminary plan approval letter from the state.

Some members agreed they had no issue with the inside cigar bar since that appeared to be very regulated. There were numerous concerns with the allowance of smoking on the patio.

Member Rissi proposed that the State of Michigan should be allowed to make its own determinations based on its ordinances and laws, as it is beyond the control of the Planning Commission.

Member Bruneau said the request being made will have a significant impact on air quality. Even when approving accessory buildings, the effect of air and light on nearby properties is taken into consideration.

Member Richardson expressed concern about the neighboring building's pool being close in proximity.

Motion was made by Member Engel to approve the indoor cigar bar contingent on obtaining all necessary state, county, and local permits along with the other Staff conditions listed in the packet with the exception of the outdoor lounge. The applicant is free to come back with additional verification of state approval and adequate ventilation to address concerns stated by the Planning Commission. Supported by Member Rissi. Motion carried 7 to 0.

ARTICLE 11.

Case #23-3746/Chen

Formerly Article 7.

Property Address: 5745 Whitneyville Ave

Requested Action: Type II Special Use Permit to construct a commercial composting operation.

Planning Director Hilbrands presented the case explaining that the applicants are seeking a Type II Special Use Permit to allow for a commercial composting operation on their property in the agricultural and rural conservation zoning district.

The applicants had previously reached out to the township inquiring if their composting operation would be permitted and the former planning director determined that it would be permitted by right. After the operation began the township received a

complaint which made the current staff review and determine that the use would more appropriate as a special use.

The proposed facility will be used to receive composting intakes, mix, and process those intakes to create compost and soil mixes, and prepare finished material for sale and distribution. The property will have a pole barn for storing and processing materials, a hoop house building, an asphalt composting pad, and an area of covered composting rows. The operational area is limited to cover 30% of the parcel and must be set back a minimum of 150ft from property lines and 250ft from residential dwellings. The area meets setbacks and will cover 16% of the parcel. Planning Director Hilbrands also noted the operation will be within 400ft of a vacant property to the northeast, but the owner has indicated they will be building a home in the near future.

The operation is limited to 3,000 cubic yards of intake and output per year and can have no more than 4,500 cubic yards of material on-site at any given time.

The site will be accessed by a curb cut off of Whitneyville Ave, which will need to be approved by the Road Commission along with obtaining a driveway permit. The building and fire departments both reviewed and approved plans. The township engineer has reviewed the plans including a lined collection basin to collect and store runoff from the composting pad and a retention basin to collect additional run-off. There will also be a need for a stormwater maintenance agreement.

The applicant will need to come in for an annual review with the Planning Commission for a minimum of 2 years after receiving a Special Use Permit.

Composting operations are not treated the same as farm operations. Therefore, if there is any kind of nuisance, they are obligated to take measures to eliminate it.

Staff recommended giving a positive recommendation to the Township Board with the 5 conditions listed in the packet.

Member Rowland asked what the initial complaint was. Planning Director Hilbrands said a neighbor saw trash on-site and their dog would get into it.

Member Bruneau wanted to define a few items Wormies had noted. Firstly, he wanted a processing time frame for food waste and a more defined wind speed for mixing days since the applicants indicated they would only mix on low wind speed days.

Luis Chen (5745 Whitneyville) is the applicant and explained the nature of the composting business is to collect food waste from local residents to compost using a 3-step process. The whole process takes around 12 months. The main goal of the company is to compost free from pesticides, plastics, and synthetic chemicals. He empathized that this does not seem attractive to neighbors, but ensured this operation is not very large and they focus on quality over quantity. Further details about the company's science and overall explanation can be found in the packet.

Chen also mentioned staff from his company have planted 100 trees on site and will be developing pollinator habitats. Their mission is to create a place for people to learn, add value to their community, and change the way managing waste is handled.

Member Engel asked what type of initial input is being used. Chen clarified they would be using 100 cubic yards of woodchips, 25 cubic yards of leaves, and 20 cubic yards of food waste per month. They give customers a list of compostable items when they sign-up. He also added when their operation was in a different township, everything went great and there were no complaints.

Member Engel asked if any meat or animal byproducts would be included as inputs for the compost. Mr. Chen clarified that there will not be any included.

Chandler Michalsky (5745 Whitneyville) said they have only had a few neighbors come to the site and ask genuine questions. They were very pleased by what they saw and learned.

Member Bruneau calculated what 3,000 cubic yards would equate to over a year and configured it would be roughly 3 semi-trucks per month.

Member Rowland questioned what their method is to mitigate the smell. Chen stated they create a recipe with wood chips and volatile material (food waste). This mixture occurs within 30 minutes upon delivery of food waste and the woodchips help the odor. The aeration pipe underneath the composting also aids in odor elimination.

Member Rissi asked what the average intake would be. Chen stated they would have 2 truckloads go out 3 days a week.

Member Rissi also thanked the Wormies creators for their patience while the township developed regulations for their company.

Chen also noted in the 6 years Wormies resided at the previous location, which was within a residential neighborhood, they received no complaints from neighbors or people passing by.

Member Richardson agreed that this company sounds beneficial, but said most residents did not anticipate living next to a commercial composting site and it may be difficult for them to resell.

Member Bruneau wanted to clarify that Wormies had purchased this land with a promise from the previous planning director that composting was a permitted use.

The Planning Commission took a 5-minute break.

Motion was made by Member Rissi to open public hearing. Supported by Member Noordhoek. Motion carried 7 to 0.

Davis (5535 Whitneyville) has lived in the neighborhood for over 40 years and asked if they will be utilizing the same road shared by other neighbors. Member Rissi clarified that the applicant's driveway will be at least 600ft south of her property.

Lori Johnson (5640 Whitneyville) said that the Wormies concept is great but not a good fit for the neighborhood since there are million-dollar homes. She expressed concern about water runoff because her property is downhill.

Rudy Klein (5542 Whitneyville) lives across the street and has lived there his whole life. He has worked in the hauling waste business for many years and indicated once the operation starts blending waste together it will smell.

Nicole Cruiz (2300 Buttrick) is a consumer of Wormies and has a bucket in which she disposes of her vegetables. She explained that with the liquid and the closed lid, there is absolutely no smell. Cruize has never had issues with friends coming into her home and the neighbors never complain.

Bill Vanartsen (8650 Lilly Ridge) has lived there for over 20 years and would like the area to remain residential.

Mike Hemmingson (8475 Laurel Ridge) lives off of Whitneyville and is in full support of Wormies, just not the location of the business. He explained that the home values will drastically decrease with a composting facility nearby. Hemmingson would like to see documents and studies on airborne contaminants.

Dr. Pishad (Laurel Drive) explained there are major health and environmental concerns these facilities have in neighboring areas. There are long-term studies showing a correlation with an increased risk of lung disease and possible cancers. The seeping of the bio pollutants could impact residents' well water. Increased smell, traffic, and wildlife were other concerns.

James Knott (8611 Lilly Ridge) stated that this project is not for a residential area. He believes the applicants have been misled through this process.

Sarvesh Srivastava (8668 Lilly Ridge) believed this project is wrong for the neighborhood where there are million-dollar homes. He also has many health concerns relating to composting.

Mary Tallajowski (6624 Jack Ave) has lived in the area for 18 years. Over the years it has become more residential and she believed bringing this facility to the area would create much-needed balance. She looked forward to this beneficial addition.

Daren Steadman (5539 Whitneyville) grew up in the area his whole life and he did not believe this is the right place for Wormies. He did not see the benefit and said the increase in truck traffic will be too much.

Rachel Garnett (7745 Whitburn) said she has lived in Cascade for just over a year and has been composting for many years. She previously relied on a home pick-up service for her composting and really appreciated that service.

Tasha Pacheco (8686 Lilly Ridge) suggested organizing a community event to help neighbors gain a better understanding of the business. She didn't feel that Wormies would ruin the area and she would even utilize their services.

Mark Talbot (5337 Whitneyville) said he appreciated the presentation and all of his questions were answered. He stated that eventually, the United States will run out of topsoil and Wormies has a solution by making very powerful dirt that regenerates farms. Talbot wanted to give this business a chance since it will be extremely beneficial to the environment.

Nathanial Divine (5671 Whitneyville Ave) shares a property line with the applicants and had concerns about what this would do to his property value and the water.

William Tuma (5670 Whitneyville) had concerns with the increase in traffic, health concerns, and the potential smell.

Sean Ford (5672) lives directly across the street from the applicants and he was concerned about the water runoff. He moved here assuming this area to be residential and was worried more commercial companies would be allowed there in the future. In his explanation, Ford pointed out that the applicants were given a promise that should not have been made, and that the township has a responsibility to rectify this matter.

Dr. Sophie Pokhrel (8698 Laurel Ridge) stated it's very apparent there are health and safety concerns with this project. Pokhrel explained that the operation is situated too close to nearby residents, and there is insufficient research to demonstrate the potential environmental consequences.

Tom Baker (8840 Vincent Ave) has property along the southern border of the applicant's parcel. When he bought his home, he wasn't aware that there would be a commercial business in the neighborhood.

John Akins (5666 Whitneyville) has lived here for over 50 years and thanked the township for making this place beautiful. He mentioned that the traffic is terrible and suggested that it may not be wise to pursue this business venture due to the likelihood of increased traffic.

Jay Keller (8797 Laurel Ridge) was unaware of this potential operation until his neighbors brought it to his attention. He was concerned about his house value, smell, and water contamination.

Kyle Heft (5644 Whitneyville) would have liked more research on the impact a business like this has on health. Heft has three young children and wanted a healthy future for them. He explained the applicants have a responsibility to educate the community and he felt they did not adequately inform residents.

Richard Gable (8464 Laurel Ridge) noticed there was nothing in writing on the specific measures being taken to mitigate odor, the stormwater maintenance agreement is to be determined, and there was no composting site management plan. Gable said approval should not be granted until these issues have been resolved.

Jim Berry (5651 Whitneyville) owns property against the northeast corner of the Wormies site. He explained there is no barrier between his property and the composting site, which raised concerns about the safety of the water supply. Berry mentioned that

there is a 200ft buffer for residences from the composting site. Since his home hasn't been built yet, the close proximity was a major concern for him.

Mike Hemmingson (8475 Laurel Ridge) inquired about ways to inform additional residents and keep them updated on the studies conducted.

Motion was made by Member Rissi to close public hearing. Supported by Member Engel. Motion carried 7 to 0.

Member Rissi said that Cascade citizens have the ability to check meeting agendas on the website to remain informed.

Member Rowland explained he gained a better understanding after talking with the applicant and doing independent research. He thinks a community event would be a great idea to have residents attend and learn.

Member Bruneau stated he is typically a critical judge of case items and takes his time investigating details. The presentation packet provided by the applicant was very precise with only minor details needing to be better defined. Bruneau also mentioned that this area is zoned for agricultural rural conservation use, not residential. He also expressed reservations about the commercial aspect of the company, but there are guidelines and contingencies in place if they are out of alignment.

Member Rissi inquired how the township would ensure compliance. Planning Director Hilbrands said he or the Zoning Administrator would handle any complaints and they can also do site visits.

Member Engel said this is a very sophisticated, well-thought-out process that's received attention and endorsement from the West Michigan Sustainable Business Foundation.

Member Noordhoek was previously very opposed to the composting business entering Cascade. Through the subcommittee and extensive research for the past year and a half, they have created excellent guidelines and requirements.

Members discussed some additional stipulations to include for approval. There was an adjustment to the 5th Staff condition allowing the Planning Commission to add conditions during the first 2 annual reviews. Additionally, they wanted there to be no more than 3,000 cubic yards of intake inclusive of woodchips. If they are to sell the business, the new owner is under the two-year review period.

Motion was made by Member Engel to make a positive recommendation to the Township Board for the Type II Special Use Permit with the first 4 staff conditions as drafted with additional language to condition 5 giving the Planning Commission ability to add conditions during the first 2 annual reviews. A 6th condition was added requiring the applicant provide an enclosed building for machinery as soon as practicable, and carry through on site improvements, including not limited to, a biodiversity pond, 2 acres of pollinator habitat, 1 acre of total trees, 4 acres of biodynamic accumulator crops, and a ½ acre educational garden and orchard, as soon as practicable, while the 2-acre tree line is to remain intact and managed. A 7th

condition was added requiring that there will be no more than 3,000 cubic yards of compost intakes per year. An 8th condition was added requiring that on sale of the property, the review provisions of condition 5 will be reactivated for the new owner(s). Supported by Member Rissi. Motion carried 5 to 2.

ARTICLE 12. Old Business

Member Bruneau inquired what the Township Board amended from the Master Plan recommendations. Member Noordhoek said they did not like the M-6 exits, among other things, but the amendment was approved as presented.

ARTICLE 13. Any other business

Member Richardson mentioned how part of the newly paved section of Whitneyville, particularly where the fork in the road was, is now very dangerous. Member Rissi concurred.

ARTICLE 14. Acknowledge visitors and those wishing to speak

Lori Johnson (5640 Whitneyville) said the township appeared to be making exceptions for Wormies since the previous planner had allowed them to compost. She does not want this in a residential neighborhood.

Jeff Hines (8590 Lilly Ridge) has an associate's degree in architecture and was impressed with the way the Planning Commission handled the situation, even though the outcome was not what he wished. He appreciated the efforts made.

ARTICLE 15. Adjournment

Motion was made by Engel to adjourn the meeting. Supported by Member Rissi. Motion carried 7 to 0. The meeting adjourned at 11:40 P.M.

Respectfully submitted,

Joe Engel, Secretary



CASCADE CHARTER TOWNSHIP

5920 Tahoe Drive SE Grand Rapids, Michigan 49546-7140

REQUEST FOR BOARD ACTION
MEETING DATE: September 27, 2023

ITEM: Consider approval of road closures for Grand Rapids Triathlon 2024.

PRESENTER: Melanie Manion, Parks and Recreation Director

INDIVIDUAL PRESENT: Jon Conkling, USA Triathlon Level 1 Certified Race Director

EXECUTIVE SUMMARY: Michigan Endurance Holdings, LLC is requesting to host a portion of the Grand Rapids Triathlon within Cascade Township in 2024. Surveys from 2023 indicated the event brought both economic (\$332,900 spent at local restaurants and businesses) and recreational benefits to the area. A thorough explanation of the benefits of this event can be found within the attached proposal.

STRATEGIC PLANS/GOALS: N/A

ACTION REQUESTED: Approve road closures on Saturday, June 8, 2024 and Sunday, June 9, 2024 as described above.

BUDGET IMPLICATIONS: N/A

IMPLEMENTATION PLAN: Upon approval by the Board of Trustees, the Clerk will forward the request to Kent County Road Commission for necessary permit.

DIRECTOR'S RECOMMENDATION: Approval

MANAGER'S RECOMMENDATION: Approval

MODEL RESOLUTION: I move to approve street closures on Saturday, June 8, 2024 for the Grand Rapids Triathlon.

I move to approve street closures on Sunday, June 9, 2024 for the Grand Rapids Triathlon.

ATTACHMENTS:

1. Grand Rapids Triathlon 2024 proposal.



GRAND RAPIDS TRIATHLON 2024

JUNE 8-9

 **Huntington #DISCOVERADA**

June 8 & 9, 2024 - CASCADE, MI

We are the largest triathlon in Michigan and proud host of five USA Triathlon National Championships over the course of our twelve-year history.

While our event brings in some of the best athletes from across the country, we have also been named one of the Top 5 Best Triathlons for Beginners in the USA according to Triathlon Business International. This two-day triathlon event is a chance for athletes of all skill levels to compete on a scenic riverside course, perfect for the novice through the seasoned triathlete.

A portion of all proceeds will benefit:

OFFICIAL CHARITY PARTNER



LOCAL CHARITY PARTNER



INTRODUCTION

Thank you for considering approval of the 2024 edition of Grand Rapids Triathlon.

Who we are – Michigan Endurance Holdings, LLC

Michigan Endurance Holdings (dba “Tris4Health”) is owned by Jon Conkling and John Mosey, both of whom are USA Triathlon level 1 certified race directors. We are avid triathletes and have been involved with the sport for a decade. Our vision is to continue to grow Grand Rapids Triathlon, both locally and nationally. We want as many people as possible to get off the couch and into a healthier lifestyle, while at the same time showing off all the wonderful things our area is known for.

What the Grand Rapids Triathlon is:

This triathlon is a chance for athletes of all skill levels to compete on a scenic riverside course, perfect for the novice and seasoned triathlete. This USA Triathlon sanctioned event promises heart pounding excitement from start to the finish. We offer four distances: Super Sprint, Sprint, Olympic and Half, as well as these events: triathlon, duathlon, aquabike and relay. In addition, we host a kid’s duathlon Saturday afternoon, which is sponsored by Cascade Pediatrics.

BENEFITS

Hosting this great community event comes with many benefits from a positive economic impact to improving community health and well-being.

Positive economic impact: Our goal is to drive our athletes to area businesses in and around the Cascade area. Now that we are a two-day event, athletes and their families have a lot of reason to spend a weekend in the area, creating even more economic opportunity. In addition, we are working with two Cascade area hotels for our athletes to stay while they are in town for the event.

Give back to the community: We partner with Make-a-Wish Michigan with the goal of granting as many wishes as possible to children and families who desperately need them. To date, Make-a-Wish Michigan has raised over \$75,000 at Grand Rapids Triathlon.

Be involved with one of the fastest growing sports in the country. The general excitement for the sport of triathlon received a boost of popularity when triathlon debuted at the 2000 Olympic Games in Sydney, Australia. It is estimated that approximately 150,000 people participate in multi-sport in the United States each year. And the numbers continue to grow.

Positions Cascade with a healthy lifestyle and lifelong fitness associated with swimming, biking and running. Triathlon embraces the idea of maintaining a healthy and active lifestyle like no other sport. You can often see participants at local races ranging in age from 12-85 years old! All three sports require aerobic power, excellent endurance, and tactical thinking.

REQUEST

We are requesting approval of the following:

- 1.) To hold this annual event in the Ada area on June 8 and 9, 2024 and for years to come.
- 2.) Course maps, suggested parking areas, etc. are available on our website (www.grandrapidstri.com).
- 3.) Specific road closures and times:
 - a. Saturday, June 8 - Road Closure (4am – 11:30am)
 - i. Thornapple River Drive from River St south to Laraway Lake Drive
 - ii. Buttrick Ave from Thornapple River Drive to Grand River Drive
 - iii. Grand River from Buttrick to Old Oak Hill Drive
 - b. Sunday, June 9 - Road Closures (4am – 5pm)
 - i. Thornapple River Drive from River St south to Cascade
 - ii. Buttrick Ave from Thornapple to Grand River
 - iii. Grand River from Buttrick to Old Oak Hill Drive
- 4.) We request a letter from the Township of Cascade stating the above has been approved.
- 5.) Michigan Endurance Holdings will have Cascade Township as an additional insured. One week prior to the race we will place signs in Cascade and Ada.



GRAND RAPIDS TRIATHLON 2024

JUNE 8-9

 **Huntington** #DISCOVERADA

Official Charity Partner:

 **Make-A-Wish**[®]

Local Charity Partner:



2023 Recap



- ▶ We had an outstanding event with overwhelmingly positive feedback from athletes, sponsors, vendors, etc.
- ▶ 99.4% of people say they are likely to return.
- ▶ Back to pre-covid numbers in terms of participation, something most races in the country are still struggling with.
- ▶ Average spending was over \$200 per athlete in Ada/Cascade.

2024 Proposal

- ▶ Keep 2-day format
- ▶ We propose the weekend of June 8 and 9, 2024.
- ▶ Specific routes, road closures, etc. care the same as 2023.

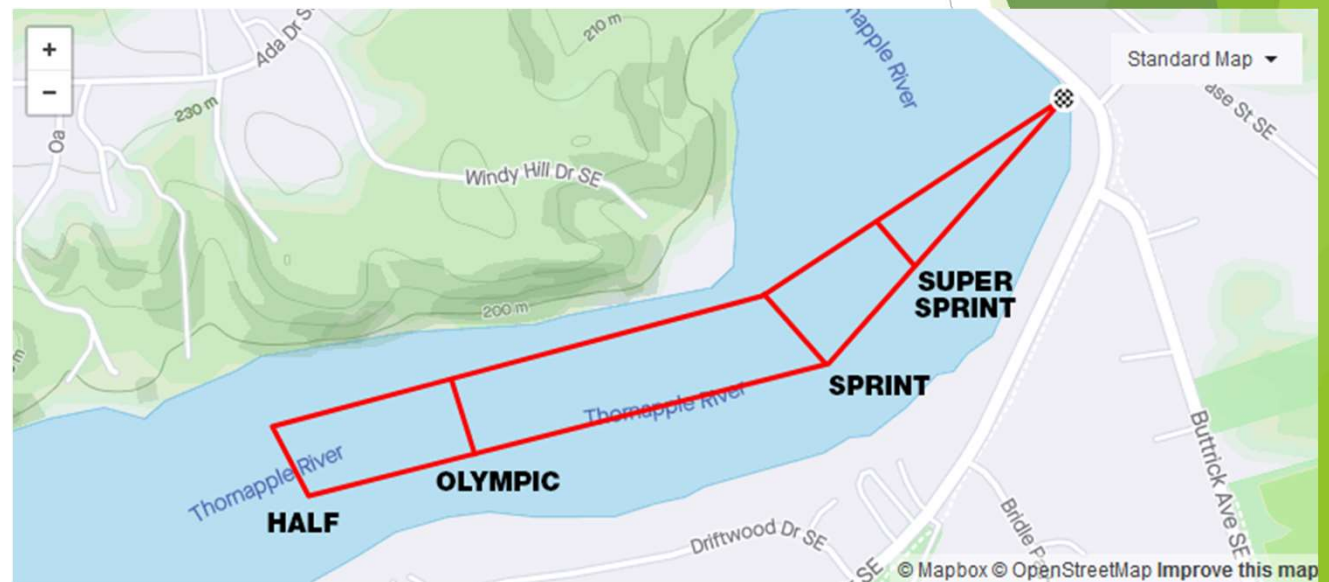




▶ Map Appendix

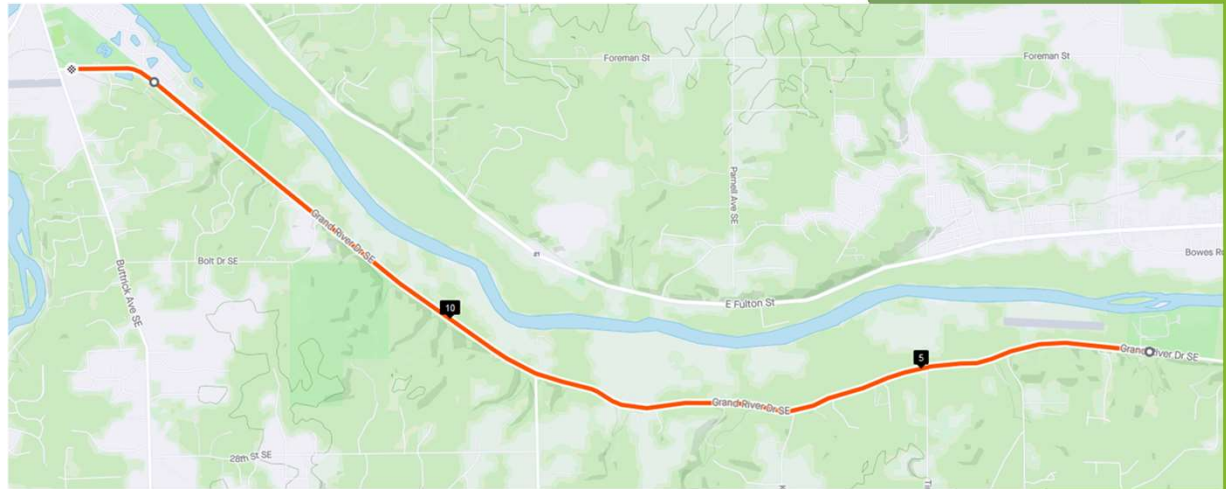
Swim Course

- ▶ Super Sprint - 400 meters
- ▶ Sprint - 600 meters
- ▶ Olympic - 1500 meters
- ▶ Half - 1.2 miles

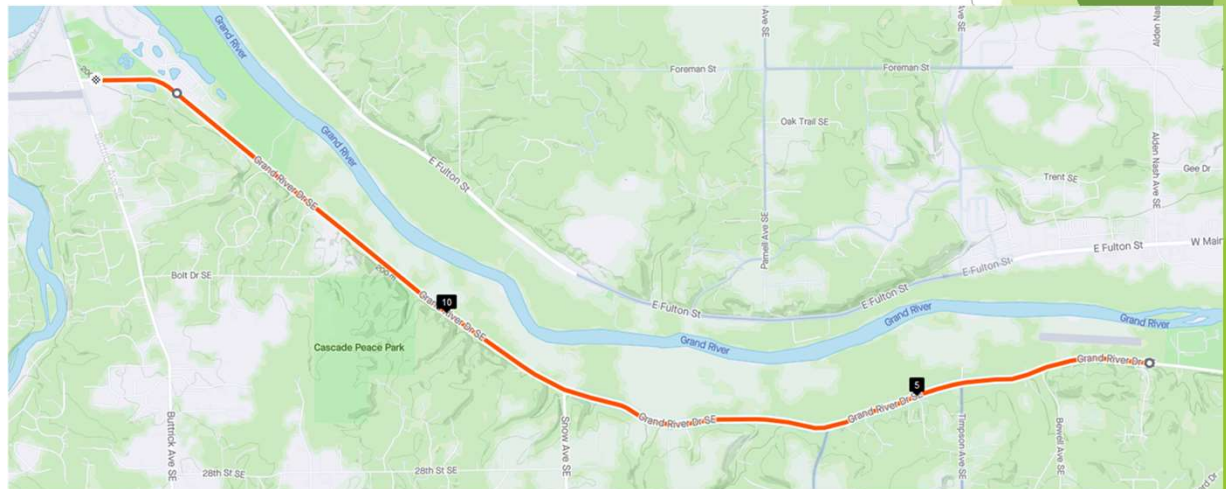


Bike Course (Saturday)

- ▶ Super Sprint - 10k
- ▶ Sprint - 20k



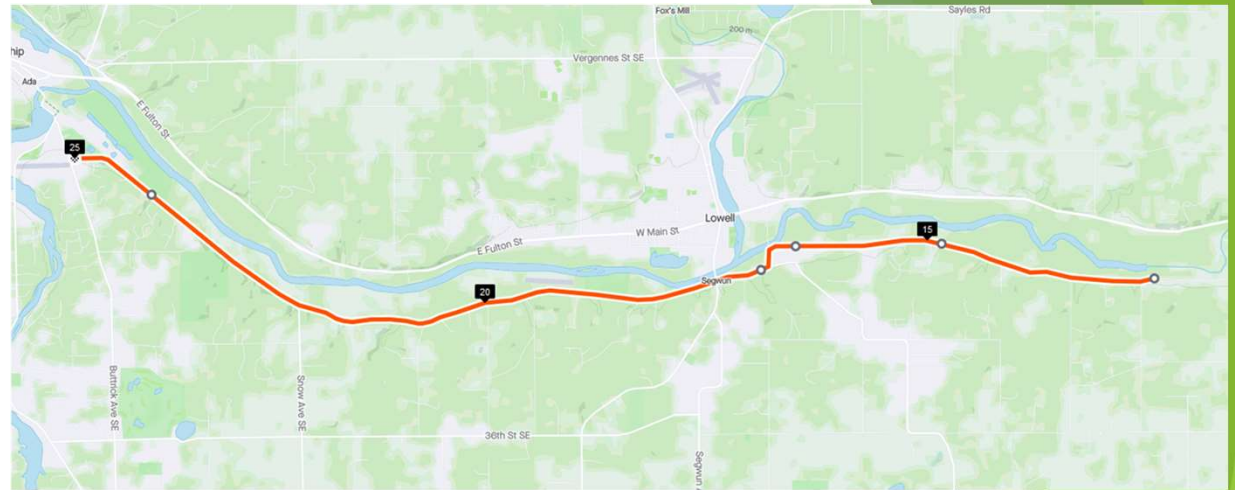
SUPER SPRINT



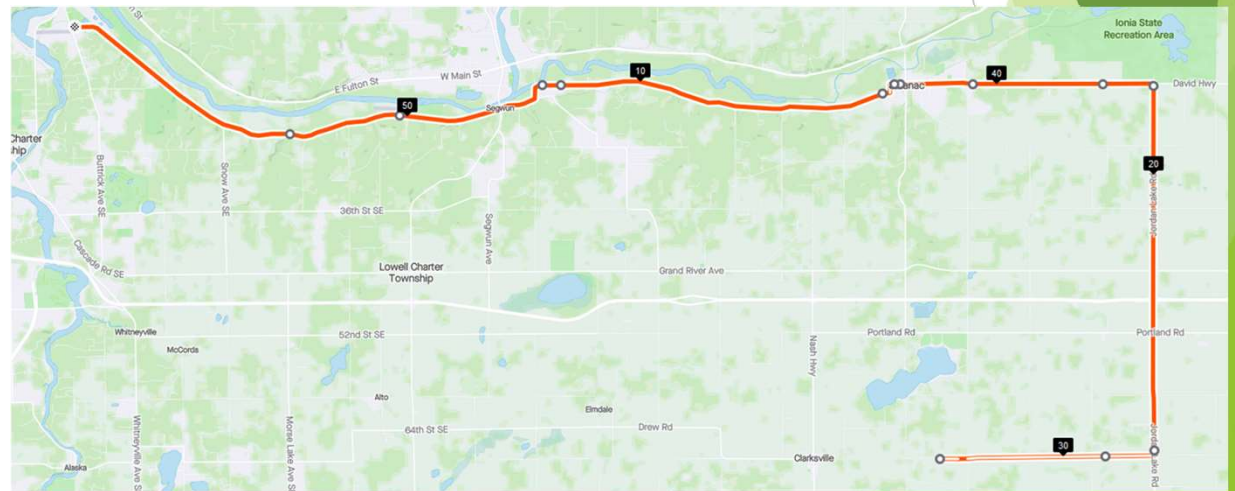
SPRINT

Bike Course (Sunday)

- ▶ Olympic - 40k
- ▶ Half - 56 miles



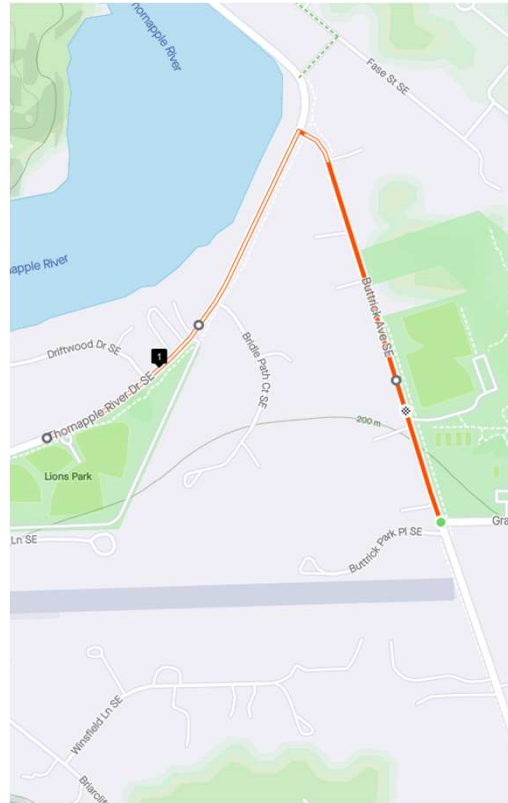
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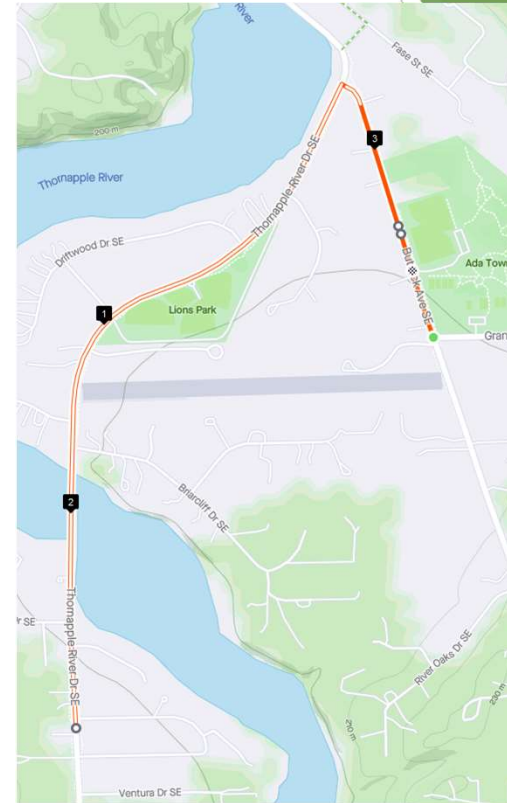
HALF

Run Course (Saturday)

- ▶ Super Sprint - 2.5k
- ▶ Sprint - 5k



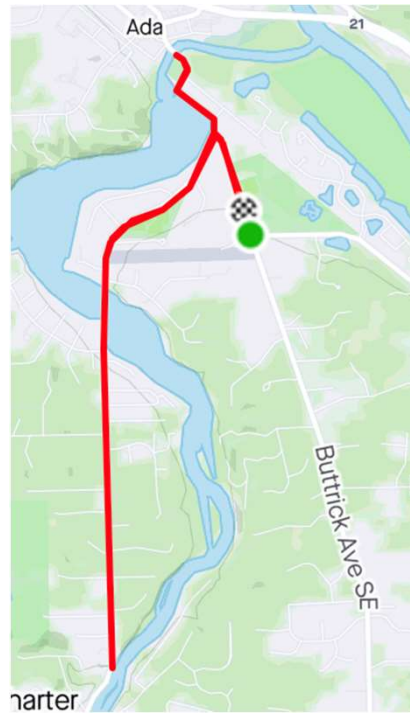
SUPER SPRINT



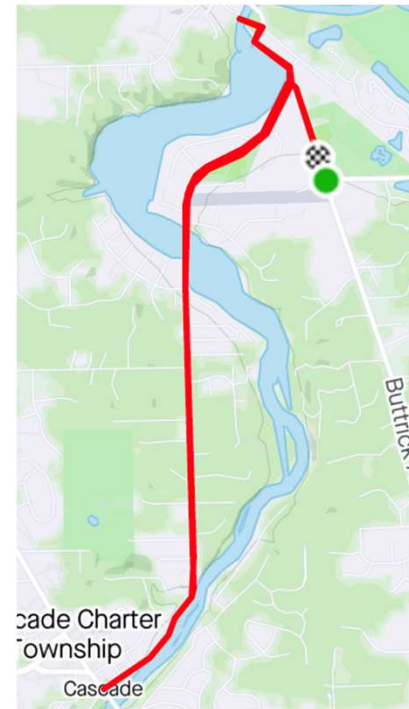
SPRINT

Run Course (Sunday)

- ▶ Olympic - 6.2 miles
- ▶ Half - 13.1 miles (2 loops)



OLYMPIC



HALF



**CASCADE CHARTER TOWNSHIP
KENT COUNTY, MICHIGAN**

Resolution No. _____-2023

At a regular meeting of the Township Board of the Charter Township of Cascade held on September 27, 2023, the following Resolution was offered for adoption by _____ and was seconded by _____.

**A RESOLUTION APPROVING STREET CLOSURES ON
SATURDAY, JUNE 8, 2024 FOR THE GRAND RAPIDS
TRIATHLON.**

WHEREAS, Michigan Endurance Holding LLC (dbaTris4Health, LLC) would like to hold a triathlon on Saturday, Jun 8, 2024 and Sunday, June 9, 2024; and

WHEREAS, on Saturday, June 8, 2024 they will need to close the following streets from approximately 4:00 a.m. to 11:30 a.m.:

- Thornapple River Dr. from Storeybook Ln. to Laraway Lake
- Grand River Ave. from Buttrick to Old Oak Hill Dr.; and

WHEREAS, Thornapple River Dr. and Grand River Ave. are primary streets; and

WHEREAS, Michigan Endurance Holdings LLC is working with the Kent County Road Commission and Kent County Sheriff Department regarding this request.

NOW, THEREFORE, BE IT HEREBY RESOLVED: the Cascade Charter Township Board approves the request for the street closures on June 8, 2024 from 4 a.m. to 11:30 a.m.

BE IT FURTHER RESOLVED: that the Cascade Township Board hereby directs the Clerk to forward this request to the Kent County Road Commission for the necessary permit.

YEAS:

NAYS:

ABSENT/ABSTAIN:

RESOLUTION DECLARED ADOPTED

Susan B. Slater
Cascade Charter Township Clerk

CERTIFICATION

I HEREBY CERTIFY that the foregoing is a true and complete copy of a resolution adopted by the Township Board of Cascade Charter Township, County of Kent, Michigan, at a regular meeting held on September 27, 2023, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

Date: _____, 2023

Susan B. Slater
Cascade Charter Township Clerk

**CASCADE CHARTER TOWNSHIP
KENT COUNTY, MICHIGAN**

Resolution No. _____-2023

At a regular meeting of the Township Board of the Charter Township of Cascade held on September 27, 2023, the following Resolution was offered for adoption by _____ and was seconded by _____.

**A RESOLUTION APPROVING STREET CLOSURES ON
SUNDAY, JUNE 9, 2024 FOR THE GRAND RAPIDS
TRIATHLON.**

WHEREAS, Michigan Endurance Holding LLC (dbaTris4Health, LLC) would like to hold a triathlon on Saturday, Jun 8, 2024 and Sunday, June 9, 2024; and

WHEREAS, on Sunday, June 9, 2024 they will need to close the following streets from approximately 4:00 a.m. to 5:00 p.m.:

- Thornapple River Dr. from Storeybook Ln. to Cascade Rd.
- Shagbark Ave.
- Orange Ave.
- Peace St.
- Hurley St.
- Mt. Ash St.
- Grachen St.; and

WHEREAS, Thornapple River Dr. is a primary street; and

WHEREAS, Shagbark, Orange, Peace, Hurley, Mt. Ash and Grachen are local streets; and

WHEREAS, Michigan Endurance Holdings LLC is working with the Kent County Road Commission and Kent County Sheriff Department regarding this request.

NOW, THEREFORE, BE IT HEREBY RESOLVED: the Cascade Charter Township Board approves the request for the street closures on Sunday, June 9, 2024 from 4 a.m. to 5 p.m.

BE IT FURTHER RESOLVED: that the Cascade Township Board hereby directs the Clerk to forward this request to the Kent County Road Commission for the necessary permit.

YEAS:

NAYS:

ABSENT/ABSTAIN:

RESOLUTION DECLARED ADOPTED

Susan B. Slater
Cascade Charter Township Clerk

CERTIFICATION

I HEREBY CERTIFY that the foregoing is a true and complete copy of a resolution adopted by the Township Board of Cascade Charter Township, County of Kent, Michigan, at a regular meeting held on September 27, 2023, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

Date: _____, 2023

Susan B. Slater
Cascade Charter Township Clerk



CASCADE CHARTER TOWNSHIP
5920 Tahoe Dr. Grand Rapids, Michigan 49546

Date: September 27, 2023
To: Supervisor Lesperance and Township Board Members
From: Jessica Stine, Management Office Admin Assistant
Subject: Resolution for "Prisoner of War/Missing in Action Recognition Day"

FACTS:

The Township has received a request from the Michael J. Bost Chapter 18 of the Vietnam Veterans of America that the Township, along with other communities, issue a resolution declaring September 15, 2023 as "Prisoner of War/Missing in Action Recognition Day." The request has also been made that the resolution be provided to the Michael J. Bost Chapter 18 of the Vietnam Veterans of America for a ceremony they will be conducting in the chapel of the Michigan Home for Veterans in Grand Rapids.

Attached for your review is:

- Letter of request from the Michael J. Bost Chapter 18 of the Vietnam Veterans of America.
- Proposed Resolution to Provide for the Designation of September 15, 2023 as Prisoner of War/Missing in Action Recognition Day

ANALYSIS & CONCLUSIONS:

The Township has approved similar resolutions in previous years. The Michael J. Bost Chapter 18 of the Vietnam Veterans of America is one of three in West Michigan that is working to increase awareness of the servicemen unaccounted for in the Vietnam and Gulf Wars. Currently there are 1,584 Vietnam-era American servicemen and civilians unaccounted for in Southeast Asia, including 48 from the State of Michigan. Though this date has already passed for 2023, recognition of the date is still significant to the Michael J Bost Vietnam Veterans of America and the community as a whole.

FINANCIAL CONSIDERATIONS:

Adoption of the proposed resolution will not have any financial considerations.

RECOMMENDED ACTION:

Adopt the Resolution recognizing September 15, 2023 as "Prisoner of War/Missing in Action Recognition Day" in Cascade Township.

VIETNAM VETERANS OF AMERICA
Michael J. Bost Chapter 18
P. O. Box 1766
Grand Rapids, MI 49501
616-644-2787

August 3, 2023

Supervisor Grace Lesperance
Township of Cascade
5920 Tahoe Dr SE
Grand Rapids, MI 49546

Dear Supervisor Lesperance

The Michael J. Bost Chapter 18 of the Vietnam Veterans of America will observe Prisoner of War/Missing in Action Recognition Day on Friday, September 15, 2023. We will have a brief ceremony at **2:00 PM** in the chapel in the new building of the Michigan Home for Veterans in Grand Rapids.

We would like the Township of Cascade, with other communities, issue a proclamation declaring September 15, 2023 as Prisoner of War/Missing in Action Day. This resolution would then be presented to the Michael J. Bost Chapter of the Vietnam Veterans. A sample is included for your convenience.

Your presence is requested at this ceremony to make the presentation to the Vietnam Veterans of America Chapter 18. Out of respect for those who are present, we would appreciate dignitaries being present for the entire ceremony.

If you or your representative are able to attend this ceremony, please let us know.

For further questions, please call Betty Pike 616-644-2787.

Thank you for your consideration.

Sincerely,

Tom Sibley
President
Michael J. Bost
Chapter 18
Vietnam Veterans of America

**CASCADE CHARTER TOWNSHIP
KENT COUNTY, MICHIGAN**

RESOLUTION ____ of 2023

**RESOLUTION TO PROVIDE FOR THE DESIGNATION OF SEPTEMBER 15, 2023 AS
“PRISONER OF WAR / MISSING IN ACTION RECOGNITION DAY”**

Minutes of a regular meeting of the Township Board of Cascade charter Township, County of Kent, State of Michigan, held at the Wisner Center in said Township on September 27, 2023 at 7:00 o'clock p.m., Eastern Daylight Time

PRESENT: _____
ABSENT: _____

The following preamble and resolution were offered by Board Member _____ and supported by Trustee _____

WHEREAS, the United States has fought in many wars, one of the longest of which was the Vietnamese Conflict; and

WHEREAS, Friday, September 15, 2023 is a day of remembrance for those who suffered as prisoners of war or are still missing as a result of any conflict; and,

WHEREAS, although cooperation has increased within the past few years, there are still 1,584 American servicemen and civilians, including 48 from the State of Michigan, missing and unaccounted for in Indochina. The uncertainty surrounding their fates has caused their families to suffer great hardship; and,

WHEREAS, increasing public awareness and focusing public attention on this issue is one way to help achieve this goal.

NOW, THEREFORE, BE IT HEREBY RESOLVED, that the Board of Trustees of Cascade Charter Township shall designate **Friday, September 15, 2023** as:

“PRISONER OF WAR / MISSING IN ACTION RECOGNITION DAY”

We urge all of our citizens to take note of this important issue and remember those servicemen and civilians who were prisoners of war and those who are still missing and to commemorate the day with appropriate activities.

YEAS: _____

NAYS: _____

ABSTAIN: _____

ABSENT: _____

RESOLUTION DECLARED ADOPTED

Susan B. Slater, Township Clerk

I HEREBY CERTIFY that the foregoing is a true and complete copy of a resolution adopted by the Township Board of Cascade Charter Township, County of Kent, Michigan, at a regular meeting held on September 27, 2023, and that said meeting was conducted and public notice of said meeting was given pursuant to and in full compliance with the Open Meetings Act, being Act 267, Public Acts of Michigan, 1976, and that the minutes of said meeting were kept and will be or have been made available as required by said Act.

Dated: _____

Susan B. Slater, Township Clerk



CASCADE CHARTER TOWNSHIP

5920 Tahoe Drive SE Grand Rapids, Michigan 49546-7140

REQUEST FOR BOARD ACTION
MEETING DATE: September 27, 2023

ITEM: Consider Approval of a (1) Year Contract and a (2) Year Option with Plante Moran for Government Finance Services

PRESENTER: Jade Smith, Township Manager

INDIVIDUAL PRESENT: None Anticipated

EXECUTIVE SUMMARY: Government finance is one of the most critical tasks of any local municipality and Cascade Township is no different. As the township continues to grow and budgets become more complex it is important to have the right systems in place. One of the most standard and imperative positions in local government is a Finance/Budget Director. Cascade does not have this position to date and is in need of assistance with the finance and budget duties. It is uncommon for this position to not exist in local government regardless of the size of the community. As Cascade Township continues to grow and to provide the service levels that are expected this position needs to be considered.

The risks are high if finance and budget duties are not completed correctly. Every government needs reliable, accurate financial information reported to it in a timely manner, and they all need a dependable controllership function to maintain public trust in their stewardship of funds.

When state and local public finance departments come up short:

- Legislative bodies don't get the accurate financial information they need to make decisions in a timely manner.
- Filing deadlines get missed.
- In extreme cases a government can wind up late in adopting its budget, which is technically illegal in many states.
- Missed deadlines and oversights that can lead to audit findings.
- Those who rely on the government finance professionals often don't realize there's a problem until it has reached a boiling point.

While the township researches and discusses the next steps to permanently address this void the administration would like the Board of Trustees to consider the approval of a contract with Plante Moran - Financial Services division not to exceed \$50,000 for per year. This will allow for a complete finance overview and set best practices in place to ensure a sound financial future

for the township. In addition, this is a critical time for the township as the 2024 budget needs to be completed and presented to the Board of Trustees in a very short time period. As we transition with a new Township Manager these services will assist in the creation of the next fiscal years budget as quickly and as efficiently as possible.

STRATEGIC PLANS/GOALS: N/A

ACTION REQUESTED: Approve a (1) year contract with an option of extending up to (2) additional years upon agreement of both parties with Plante Moran for finance/budget services.

BUDGET IMPLICATIONS: The funds for this will be spread between various budgets from the service contract and contracted services line items for the remainder of 2023. The 2024 budget will be accounted for in the Administrative Budget.

IMPLEMENTATION PLAN: Upon approval by the Board of Trustees, the contract for services will be prepared and signed by the Township Manager. A blanket purchase order will be created for each year of the contractual services.

DIRECTOR'S RECOMMENDATION: N/A

MANAGER'S RECOMMENDATION: Approval

MODEL RESOLUTION: I move to approve a contract with Plante Moran for an amount not-to-exceed \$50,000 for the remainder of 2023 and to authorize the Township Manager to sign the contract on behalf of Cascade Township

ATTACHMENTS:

1. Engagement Letter

September 19, 2023

Jade Smith
Charter Township of Cascade
5920 Tahoe Dr. SE
Grand Rapids, MI 49546

Dear Jade:

Thank you for your selection of Plante & Moran, PLLC ("PM") to assist you. This letter and the accompanying Professional Services Agreement, which is hereby incorporated as part of this engagement letter, confirms our understanding of the nature, limitations, and terms of the services PM will provide to Charter Township of Cascade ("Client").

Scope of Services

We will provide temporary financial assistance at your discretion. Our work product will be in the form of preparing and reviewing financial schedules and analysis created under the direction and supervision of Jade Smith, Township Manager. Our consulting services will be provided to assist you in connection with accounting and finance related matters such as:

- Provide feedback and suggestions for possible process improvements based on our observations of the Township's accounting practices and software configuration during this assignment. Any subsequent changes to Township process, policies, or software configuration are the responsibility of Management.
- Budget monitoring and proposal of possible amendments for current fiscal year.
- Budget development for the subsequent fiscal year.
- Audit workpaper preparation and assistance with year-end close.
- Facilitation of audit process.
- Implementation of new GASB standards.
- Long-term forecasting.
- Other accounting related tasks as requested by management.

Note: This list includes **possible** service offerings, but it is not all-inclusive. Please feel free to request our help in any way you deem advantageous to you. Also, the Township is not committing to use us in any particular way, nor are we guaranteeing we will perform all of the above tasks.

We expect our work will be performed both remotely and in person. Meetings and presentations will be conducted using Microsoft Teams or another video conferencing software of your choosing. For procedures that are necessary to be performed onsite, we will work with you to schedule that work based on and subject to applicable legal requirements and/or guidance regarding worksite safety conditions. While working remotely, we will rely on the Charter Township

of Cascade to provide any electronic documents we require, and remote access to the general ledger and other electronic systems.

Remote access to the General Ledger and other systems is a key component of our service model. The time required to gain access can vary greatly between clients, but the primary driver of that time is the cooperation of your technology staff or vendor. Time incurred by our staff will be billed to Charter Township of Cascade at the same hourly rates listed below.

Fees and Payment Terms

The fee for our services, subject to the terms and conditions of the accompanying Professional Services Agreement, will be based on the actual time that staff expend and will be billed at the following discounted hourly rates:

Accounting Consultant	\$155
Senior Accounting Consultant	\$175
Manager	\$250
Partner/Principal	\$390

The majority of our work will be performed by either a Consultant or Senior Consultant. We strive to be as efficient as possible and delegate work to the most cost-effective member of our team.

The rates listed above will increase by CPI inflation on July 1, 2024 and annually thereafter should you continue to utilize this service. We reserve the right to make additional changes to our hourly rates given prevailing market conditions; however, you will be notified before incurring time at the new adjusted rate.

Any other projects or consulting services in addition to the ones noted above may be requested by Client management. Fees for those additional services will be negotiated and included in a separate engagement letter.

As you probably realize, our primary cost is salaries that are paid currently. Accordingly, our invoices, which will be rendered as services are provided are due when received. In the event an invoice is not paid timely, a late charge in the amount of 1.25 percent per month will be added, beginning 30 days after the date of the invoice.

For your convenience, payments can be made via domestic wire or ACH to the following account:

Domestic Wire

Bank of America
100 West 33rd Street
New York, NY 10001
Account No. 9890996003
Routing/ABA No. 026009593
Account Name: Plante & Moran, PLLC
Account Address: 3000 Town Center
Suite 100
Southfield, MI 48075

ACH

Bank of America
1401 Elm Street 2nd Floor
Dallas TX 75202
Account No. 9890996003
Routing/ABA No. 071000039
Account Name: Plante & Moran, PLLC
Account Address: 3000 Town Center
Suite 100
Southfield, MI 48075

If you are in agreement with our understanding of this engagement, as set forth in this engagement letter and the accompanying Professional Services Agreement, please sign the enclosed copy of this letter and return it to us with the accompanying Professional Services Agreement.

Thank you for the opportunity to serve you.

Very truly yours,

Plante & Moran, PLLC



Brian J. Camiller, CPA
Partner

Agreed and Accepted

We accept this engagement letter and the accompanying Professional Services Agreement (collectively "Agreement"), which set forth the entire agreement between Charter Township of Cascade and Plante & Moran, PLLC with respect to the services specified in the Scope of Services section of this engagement letter.

Charter Township of Cascade

Jade Smith

Date

Title

Professional Services Agreement – Temporary Finance Assistance Addendum to Plante & Moran, PLLC Engagement Letter

This Professional Services Agreement is part of the engagement letter (collectively, “Agreement”) for our temporary finance assistance services dated September 19, 2023 between Plante & Moran, PLLC (referred to herein as “PM”) and Charter Township of Cascade (referred to herein as “Client”). Any work performed in connection with the engagement before the date of this letter will also be governed by the terms and conditions of this Agreement.

1. **Management Responsibilities** – The temporary finance services PM will provide are advisory in nature. While providing these services, PM will have no authority or responsibility for any management decisions or management functions. Further, Client acknowledges that Client is solely responsible for all such management decisions and management functions. Client will also be responsible for evaluating the adequacy and results of the services PM will provide and accepting responsibility for the results of those services. Client has designated Township Manager Jade Smith to oversee the services PM will provide.

Client is responsible for the design, implementation, and maintenance of internal controls, including monitoring ongoing activities in connection with our engagement.

PM accepts no responsibility as a responsible party for the payment of taxes of any nature, including, but not limited to income, withholding, sales, excess of other taxes assessed at the Federal, State or local levels that may be owed or otherwise arise.

Client represents and warrants that any and all information that it transmits, or otherwise makes available, to PM will be done so in full compliance with all applicable federal, state, local, and foreign privacy and data protection laws, as well as all other applicable regulations and directives, as may be amended from time to time (collectively, “Data Privacy Laws”). Client shall not disclose personal data of data subjects (“Personal Data”) who are entitled to certain rights and protections afforded by Data Privacy Laws to PM without prior notification to PM. Client shall make reasonable efforts to limit the disclosure of Personal Data to PM to the minimum necessary to accomplish the intended purpose of the disclosure to PM.

In performing services under this agreement, PM will not provide any advice with respect to municipal financial products or the issuance of municipal securities, nor will it act as a municipal advisor as defined by 15 U.S.C. § 78o-4. To the extent Client requires services from a municipal advisor in connection with this engagement, Client represents that it will engage and rely on the advice of an independent registered municipal advisor. Client affirms its understanding that PM is not a registered municipal advisor and that it therefore is not subject to the fiduciary duties imposed on such advisors under federal law.

2. **Review and Supervision** – Client understands and acknowledges that all PM staff assigned to this project are working solely at Client’s direction and agree that all work performed will be subject to the same supervision, review, and approval practices that Client undertakes with its own staff. It is understood that, in accordance with the terms of this Agreement, the work of PM staff assigned to this project will not be reviewed by any other person at PM. Client is solely responsible for supervision, review and approval of the work performed, including review and approval of any journal entries prepared by PM staff prior to posting.
3. **Nature and Limitations of Services** – PM’s project activities will be based on information and records provided by Client. PM will rely on such underlying information and records and PM’s project activities will not include audit or verification of the information and records provided to PM in connection with PM’s project activities.

The project activities PM will perform will not constitute an examination or audit of any Client financial statements or any other items, including Client’s internal controls. If Client requires financial statements or other financial information for third-party use, or if Client requires tax preparation or consulting services, a separate engagement letter will be required. Accordingly, Client agrees not to associate or make reference to PM in connection with any financial statements or other financial information of Client. In addition, PM’s engagement is not designed and cannot be relied upon to disclose errors, fraud or illegal acts that may exist. However, PM will inform Client of any such matters that come to PM’s attention.

4. **Project Deliverables** – At the conclusion of PM’s project activities and periodically as the project progresses, PM will review the results of the project work with Client and provide Client with any observations related to PM’s services that PM believes warrant Client’s attention. PM also will provide Client with copies of analyses, tax filings, or other materials that PM may develop in the course of this engagement upon Client’s request. PM will not issue a written report as a result of this engagement and Client agrees that the nature and extent of the work product that PM will provide, as outlined in this Agreement, are sufficient for Client’s purposes.

Professional Services Agreement – Temporary Finance Assistance

5. **Confidentiality, Ownership, and Retention of Workpapers** – During the course of this engagement, PM and PM staff may have access to Client’s confidential, proprietary information, including, but not limited to, information regarding general ledger balances, financial transactions, trade secrets, business methods, plans, or projects. PM acknowledges that such information, regardless of its form, is confidential and proprietary to Client. PM will comply with all applicable ethical standards, laws, and regulations as to the retention, protection, use and distribution of such confidential client information. Except to the extent set forth herein, PM will not disclose such information to any third party without the prior written consent of Client.

In the interest of facilitating PM’s services to Client, PM may communicate or exchange data by internet, e-mail, facsimile transmission, or other electronic methods. While PM will use its best efforts to keep such communications and transmissions secure in accordance with PM’s obligations under applicable laws and professional standards, Client recognizes and accepts that PM has no control over the unauthorized interception of these communications or transmissions once they have been sent, and consents to PM’s use of these electronic devices during this engagement.

Because the work performed under this Agreement is subject solely to Client’s review and supervision, we do not expect that we will need to retain detailed workpapers supporting our work. Workpapers and documentation created will become part of Client’s accounting records. If, however, we conclude to retain copies of such workpapers or documentation, such workpapers retained in the course of this engagement are and shall remain the property of PM. PM will maintain the confidentiality of all such workpapers as long as they remain in PM’s possession.

Both Client and PM acknowledge, however, that PM may be required to make its workpapers available to regulatory authorities or by court order or subpoena in a legal, administrative, arbitration, or similar proceeding in which PM is not a party. Disclosure of confidential information in accordance with requirements of regulatory authorities or pursuant to court order or subpoena shall not constitute a breach of the provisions of this Agreement. In the event that a request for any confidential information or workpapers covered by this Agreement is made by regulatory authorities or pursuant to a court order or subpoena, PM agrees to inform Client in a timely manner of such request and to cooperate with Client should Client attempt, at Client’s cost, to limit such access. This provision will survive the termination of this Agreement. PM’s efforts in complying with such requests will be deemed billable to Client as a separate engagement. PM shall be entitled to compensation for its time and reasonable reimbursement of its expenses (including legal fees) in complying with the request.

PM reserves the right to destroy, and it is understood that PM will destroy, workpapers created in the course of this engagement in accordance with PM’s record retention and destruction policies, which are designed to meet all relevant regulatory requirements for retention of workpapers. PM has no obligation to maintain workpapers other than for its own purposes or to meet those regulatory requirements.

6. **Consent to Disclosures to Service Providers** – In some circumstances, PM may use third-party service providers in connection with its services, including affiliates of PM within or outside the United States. In those circumstances, PM will be solely responsible for the provision of any services by any such third-party service providers and for the protection of any information provided to such third-party service providers. PM will require any such third-party service provider to: (i) maintain the confidentiality of any information furnished and (ii) not use any information for any purpose unrelated to PM’s services. Client, by its duly authorized signature on the accompanying engagement letter, consents to PM’s disclosure of all or any portion of Client’s information, including tax return information, to such third-party service providers, including affiliates of PM outside of the United States, if and to the extent such information is relevant to the services such third-party service providers may provide and agrees that PM’s disclosure of such information for such purposes shall not constitute a breach of the provisions of this Agreement. Client’s foregoing consent shall be continuing until the services provided for this Agreement are completed.
7. **Fee Quotes** – In any circumstance where PM has provided estimated fees, fixed fees, or not-to-exceed fees (“Fee Quotes”), these Fee Quotes are based on responsibilities under the scope of services. PM’s services frequently depend upon the availability and cooperation of those Client personnel relevant to PM’s project activities and providing needed information to PM in a timely and orderly manner. In the event that undisclosed or unforeseeable facts regarding these matters causes the actual work required for this engagement to vary from PM’s estimates, the estimated fees will be adjusted for the additional time PM incurs as a result.

In any circumstance where PM’s work is rescheduled due to Client’s failure to provide information or assistance necessary for the engagement, PM offers no guarantee, express or implied, that PM will be able to meet any previously established deadline related to the completion of the work. Because rescheduling work imposes additional costs on PM, in any circumstance where PM has provided estimated fees, those estimated fees may be adjusted for additional time PM incurs as a result of rescheduling its work.

Professional Services Agreement – Temporary Finance Assistance

PM will use best efforts to advise Client in the event any circumstances occur which would require PM's work to be rescheduled. However, it is acknowledged that the exact impact on the Fee Quotes may not be determinable until the conclusion of the engagement. Such fee adjustments will be determined in accordance with the Fee Adjustments provision of this Agreement.

8. **Payment Terms** – PM invoices for professional services are due upon receipt unless otherwise specified in this engagement letter. In the event any of PM's invoices are not paid in accordance with the terms of this Agreement, PM may elect, at PM's sole discretion, to suspend work until PM receives payment in full for all amounts due or terminate this engagement. In the event that work is suspended, for nonpayment or other reasons, and subsequently resumed, PM offers no guarantee, express or implied, that PM will be able to meet any previously established deadlines related to the completion of PM's services upon resumption of PM's work, whether imposed by agreement or by law. Client agrees that in the event that work is suspended, for non-payment or other reasons, PM shall not be liable for any damages that occur as a result of PM ceasing to render services.
9. **Fee Adjustments** – Any fee adjustments for reasons described in this Agreement will be determined based on the actual time expended by PM staff at PM's current hourly rates, plus all reasonable and necessary travel and out-of-pocket costs incurred, and included as an adjustment to PM's invoices related to this engagement. Client acknowledges and agrees that payment for all such fee adjustments will be made in accordance with the payment terms provided in this Agreement.
10. **Conditions of PM Visit to Client Facilities** – Client agrees that some or all of PM's services may be provided remotely. In order to facilitate the provision of services remotely, Client agrees to provide documentation and other information reasonably required by PM for PM's performance of the engaged services electronically to the extent possible throughout the course of the engagement. In the event in-person visits to Client's facility(ies) are requested by Client or otherwise determined by PM to be necessary for the performance of the engaged services, Client agrees, upon PM's request, to provide to PM Client's policies and procedures that Client has implemented relating to workplace safety and the prevention of the transmission of disease at its facility(ies). In addition, Client affirms that it is in compliance with applicable Centers for Disease Control and Prevention and OSHA guidance pertaining to the prevention of the transmission of disease (collectively, "Applicable Preventative Guidance") and agrees that it shall continue to comply with Applicable Preventative Guidance throughout any in-person visits by PM to Client's facility(ies). Notwithstanding the foregoing, PM reserves the right to suspend or refrain from any in-person visit by PM to Client's facility(ies) or impose further conditions on any such in-person visit if and as PM deems necessary. Client agrees and acknowledges that any determination by PM to visit Client's facility(ies) is not and shall not be construed to be or relied on by Client as a determination by PM of Client's compliance with Applicable Preventative Guidance.
11. **Exclusion of Certain Damages** – Except to the extent finally determined to have resulted from PM's gross negligence or willful misconduct, Client agrees to limit the liability of PM or any of PM's officers, directors, partners, members, managers, employees, affiliated, parent or subsidiary entities, and approved third party service providers (collectively, "PM Persons") for any and all claims, losses, costs, and damages of any nature whatsoever so that the total aggregate liability of PM and/or the PM Persons to Client shall not exceed the total fees paid by Client to PM for the services provided in connection with this Agreement. Client and PM agree that these limitations on PM's maximum liability are reasonable in view of, among other things, the scope of the services PM is to provide, Client's responsibility for the management functions associated with PM's consulting services, and the fees PM is to receive under this engagement. In no event shall PM be liable to Client, whether a claim be in tort, contract, or otherwise, for any consequential, indirect, lost profit, punitive, exemplary, or other special damages. PM and Client agree that these limitations apply to any and all liabilities or causes of action against PM, however alleged or arising, unless to the extent otherwise prohibited by law. This provision shall survive the termination of this engagement.

In the event this Agreement expressly identifies multiple phases of services, the total aggregate liability of PM to Client shall be limited to no more than the total amount of fees paid by Client for the particular phase of services alleged to have given rise to any such liability.
12. **Receipt of Legal Process** – In the event PM is required to respond to a subpoena, court order, or other legal process (in a matter involving Client but not PM) for the production of documents and/or testimony relative to information PM obtained and/or prepared during the course of this engagement, Client agrees to compensate PM for the affected PM staff's time at such staff's current hourly rates, and to reimburse PM for all of PM's out-of-pocket costs incurred associated with PM's response unless otherwise reimbursed by a third party.
13. **Termination of Engagement** – This engagement may be terminated by either party upon written notice. Upon notification of termination of this engagement, PM will cease providing services under the engagement. Client shall compensate PM for all time expended and reimburse PM for all out-of-pocket expenditures incurred by PM through the date of termination of this engagement.

Professional Services Agreement – Temporary Finance Assistance

14. **Time Limits** – Except for actions to enforce payment of PM's invoices and without limiting any claims for indemnification hereunder, any claim or cause of action arising under or otherwise relating to this engagement must be filed within two years from the completion of the engagement without regard to any statutory provision to the contrary.
15. **Entire Agreement** – This Agreement is contractual in nature and includes all of the relevant terms that will govern the engagement for which it has been prepared. The terms of this Agreement supersede any prior oral or written representations or commitments by or between the parties regarding the subject matter hereof. Any material changes or additions to the terms set forth in this Agreement will only become effective if evidenced by a written amendment to this Agreement, signed by all of the parties.
16. **Severability** – If any provision of this Agreement (in whole or part) is held to be invalid or otherwise unenforceable, the other provisions shall remain in full force and effect.
17. **Defense, Indemnification, and Hold Harmless** – As a condition of PM's willingness to perform the services provided for in the engagement letter, Client agrees to defend, indemnify and hold PM and the PM Persons harmless against any claims by third parties for losses, claims, damages, or liabilities, to which PM or the PM Persons may become subject in connection with or related to the services performed in the engagement, unless a court having jurisdiction shall have determined in a final judgment that such loss, claim, damage, or liability resulted primarily from the willful misconduct or gross negligence of PM, or one of the PM Persons. This defense, indemnity and hold harmless obligation includes the obligation to reimburse PM and/or the PM Persons for any legal or other expenses incurred by PM or the PM Persons, as incurred, in connection with investigating or defending any such losses, claims, damages, or liabilities.
18. **Conflicts of Interest** – PM's engagement acceptance procedures include a check as to whether any conflicts of interest exist that would prevent acceptance of this engagement. No such conflicts have been identified. Client understands and acknowledges that PM may be engaged to provide professional services, now or in the future, unrelated to this engagement to parties whose interests may not be consistent with interests of Client.
19. **Force Majeure** – Neither party shall be deemed to be in breach of this Agreement as a result of any delays or nonperformance directly or indirectly resulting from circumstances or causes beyond its reasonable control, including, without limitation, fire or other casualty, acts of God, war, other violence, epidemic, pandemic or other public health emergency or government mandated shut down (each individually a "Force Majeure Event"). A Force Majeure Event shall not excuse any payment obligation relating to fees or costs incurred prior to any such Force Majeure Event.
20. **Electronic Signatures** – The parties intend that any electronic signature shall be given full legal effect as if it were a handwritten signature.
21. **Governing Law** – This Agreement shall be governed by and construed in accordance with the laws of the State of Michigan, and jurisdiction over any action to enforce this Agreement, or any dispute arising from or relating to this Agreement shall reside exclusively within the State of Michigan.

End of Professional Services Agreement –Temporary Finance Assistance Services