

**HOWELL TOWNSHIP BOARD MEETING**

3525 Byron Road  
Howell, MI. 48855  
October 3, 2022  
6:30 pm

1. Call to Order:
2. Roll Call:     Mike Coddington     ( )     Jeff Smith     ( )  
                       Jean Graham             ( )     Harold Melton     ( )  
                       Jonathan Hohenstein     ( )     Mike Newstead     ( )  
                       Matthew Counts         ( )
3. Pledge of Allegiance:
4. Call to the Board:
5. Approval of the Minutes:
  - A. Regular Board meeting September 12, 2022
  - B. Closed Session Minutes September 12, 2022
6. Correspondence:
7. Call to the Public:
8. Unfinished Business:
  - A. Dangerous Building Resolution 07.22.511
  - B. Pioneer Cemetery Work Change Directive
9. New Business:
  - A. MIHAF Partner
10. Close Session: Pineview Village
11. Reports:
  - A. Supervisor   B. Treasurer     C. Clerk     D. Zoning
  - E. Assessing    F. Fire Authority   G. MHOG    H. Planning Commission
  - I. Z B A         J. WWTP            K. HAPRA   L. Property Committee
12. Call to the Public
13. Disbursements:  
       Regular and Check Register
14. Adjournment:

**HOWELL TOWNSHIP REGULAR BOARD  
MEETING MINUTES**

3525 Byron Road Howell, MI 48855  
September 12, 2022, 6:30 P.M.

**MEMBERS PRESENT:**

Mike Coddington	Supervisor
Jean Graham	Clerk
Jonathan Hohenstein	Treasurer
Matthew Counts	Trustee
Harold Melton	Trustee
Michael Newstead	Trustee
Jeff Smith	Trustee

**MEMBERS ABSENT:**

Mike Coddington

Harold Melton

**ALSO IN ATTENDANCE:** Michelle Spisz, Tim Boal.

Treasurer Hohenstein called the meeting to order at 6:30 p.m. The roll was called.

All rose for the Pledge of Allegiance.

**APPROVAL OF THE AGENDA:**

September 12, 2022

**MOTION** by COUNTS, **SECOND** by NEWSTEAD, **"TO APPROVE THE SEPTEMBER 12, 2022 REGULAR MEETING AGENDA AS AMENDED."** Discussion followed. Motion carried.

**OPEN PUBLIC HEARING – APPLICATION FOR IFT MS ULTRASONIC TECHNOLOGY LLC**

Clerk Graham opened the public meeting. A roll call vote was taken: Smith – Y, Hohenstein – Y, Graham – Y, Newstead – Y, Counts – Y. Clerk Graham discussed the application in detail and stated it is no longer valid due to rules and regulations. This application should have been presented one year ago and is no longer valid.

**MOTION** by Graham, **SECOND** by Counts, **"TO DENY THE APPLICATION FOR IFT MS ULTRASONIC TECHNOLOGY LLC."** A roll call vote was taken: Hohenstein - Y, Counts - Y, Graham – Y, Newstead - Y, Smith - Y. Discussion followed. Motion carried. **MOTION** by Graham, **SECOND** by Counts, **"TO CLOSE THE PUBLIC HEARING."** Discussion followed. Motion Carried.

**APPROVAL OF BOARD MEETING MINUTES:**

August 8, 2022,

**MOTION** by Counts, **SECOND** by Newstead, **"TO APPROVE THE AUGUST 8, 2022 REGULAR MEETING MINUTES AS AMENDED."** Discussion followed. Motion carried.

**CORRESPONDENCE:**

There was no correspondence.

**CALL TO THE PUBLIC:**

Michelle Spisz introduced herself to the Board and stated she is running for County Commissioner and invited Board members to the Military Appreciation Day at Fowlerville High School on September 23, 2022.

**UNFINISHED BUSINESS:**

A. Remaining Capacity within Sanitary System Pump Station 75 and 76

Treasurer Hohenstein discussed in detail calculations for pump stations and explained the need for information and clarification on REU's with regards to pump stations 75 & 76.

**NEW BUSINESS:**

A. Resolution 09.22.515 Hazard Mitigation Plan

Clerk Graham explained the Hazard Mitigation Plan has expired and this is the renewal. **MOTION** by Counts, **SECOND** by Smith, **"TO APPROVE RESOLUTION 09.22.515 HAZARD MITIGATION PLAN AS PRESENTED."** A roll call vote was taken: Smith – Y, Counts – Y, Newstead – Y, Graham - Y, Hohenstein- Y. Discussion followed. Motion carried.

**CLOSED SESSION MOTIONS:**

**MOTION** by Smith, **SECOND** by Counts. **"TO MOVE INTO A CLOSED SESSION PURSUANT TO MCL 15.268(h) TO DISCUSS A CONFIDENTIAL WRITTEN LEGAL OPINION REGARDING THE TOWNSHIP'S SALE OF VACANT LAND ON BURKHART ROAD."** A roll call vote was taken: Hohenstein – Y, Smith – Y, Counts – Y, Newstead – Y, Graham – Y. Motion Carried.

**MOTION** by Smith, **SECOND** by Newstead. **"TO MOVE INTO A CLOSED SESSION PURSUANT TO MCL 15.268(h) TO DISCUSS A CONFIDENTIAL WRITTEN LEGAL OPINION REGARDING THE REQUEST MADE BY BURKHART RIDGE TO REDUCE REU'S."** A roll call vote was taken: Counts – Y, Graham – Y, Smith – Y, Hohenstein – Y, Newstead - Y. Motion Carried.

**MOTION** by Smith, **SECOND** by Counts. **"TO ENTER INTO A CLOSED SESSION TO DISCUSS PENDING LITIGATION, THAT IF DISCUSSED IN OPEN SSISSION WOULD CAUSE A FINANCIAL DETRIMENT TO THE TOWNSHIP, REGARDING PENDING LITIGATION IN E.D. MICHIGAN FEDERAL DISTRICT COURT IN OAKLAND TACTICAL SUPPLY, LLC V HOWELL TOWNSHIP, CASE NO. 18-13443.** A roll call vote was taken: Graham – Y, Newstead – Y, Hohenstein – Y, Counts – Y, Smith - Y. Motion Carried.

**MOTION** by Counts, **SECOND** by Newstead, **TO ENTER BACK INTO OPEN SESSION."** Motion Carried.

**REPORTS:**

A. SUPERVISOR:

There was no report.

B. TREASURER:

Treasurer Hohenstein noted his department is currently collecting summer taxes that are due by September 14, 2022.

C. CLERK:

Elections – Clerk Graham indicated we are preparing for the November General Election and are currently receiving political mailings that is causing additional work in the Clerk's office.

D. ZONING:

(See Zoning Administrator Daus's prepared written report.)

E. ASSESSING:

(See Assessor Kilpela's prepared written report.)

F. Fire Authority:

There was no report.

G. MHOG:

(Trustee Counts gave an update on the recent MHOG meeting.)

H. PLANNING COMMISSION:

No meeting in August.

I. ZONING BOARD OF APPEALS (ZBA)

No meeting in August.

J. WWTP:

Treasurer Hohenstein gave an update on WWTP and noted an approval needed for new network services. **MOTION** by Counts, **SECOND** by Graham, **“TO APPROVE, IF NEEDED, NEW NETWORK SERVICES FOR WWTP AS PRESENTED.”** Discussion followed. Motion Carried.

K. HAPRA

(See prepared written report by Graham.)

L. PROPERTY COMMITTEE:

Treasurer Hohenstein discussed the purchase change agreement and requested board approval as presented. Discussion followed.

**CALL TO THE PUBLIC:**

There were no public comments.

**DISBURSEMENTS: REGULAR AND CHECK REGISTER:**

**MOTION** by Counts, **SECOND** by Newstead, **“TO APPROVE THE REGULAR DISBURSEMENTS AS PRESENTED, ALSO ANY NORMAL AND CUSTOMARY PAYMENTS FOR THE MONTH.”** Discussion followed. Motion carried.

**ADJOURNMENT:**

**MOTION** by Newstead, **SECOND** by Counts, **“TO ADJOURN.”** Motion carried. The meeting adjourned at 9:10 pm.

As Presented: \_\_\_\_\_ X \_\_\_\_\_

As Amended: \_\_\_\_\_

As Corrected: \_\_\_\_\_

Dated: \_\_\_\_\_ October 3, 2022 \_\_\_\_\_

\_\_\_\_\_  
Jean Graham  
Howell Township Clerk

\_\_\_\_\_  
Mike Coddington  
Howell Township Supervisor

\_\_\_\_\_  
Angela Guillen  
Recording Secretary

8A

## Howell Township Clerk

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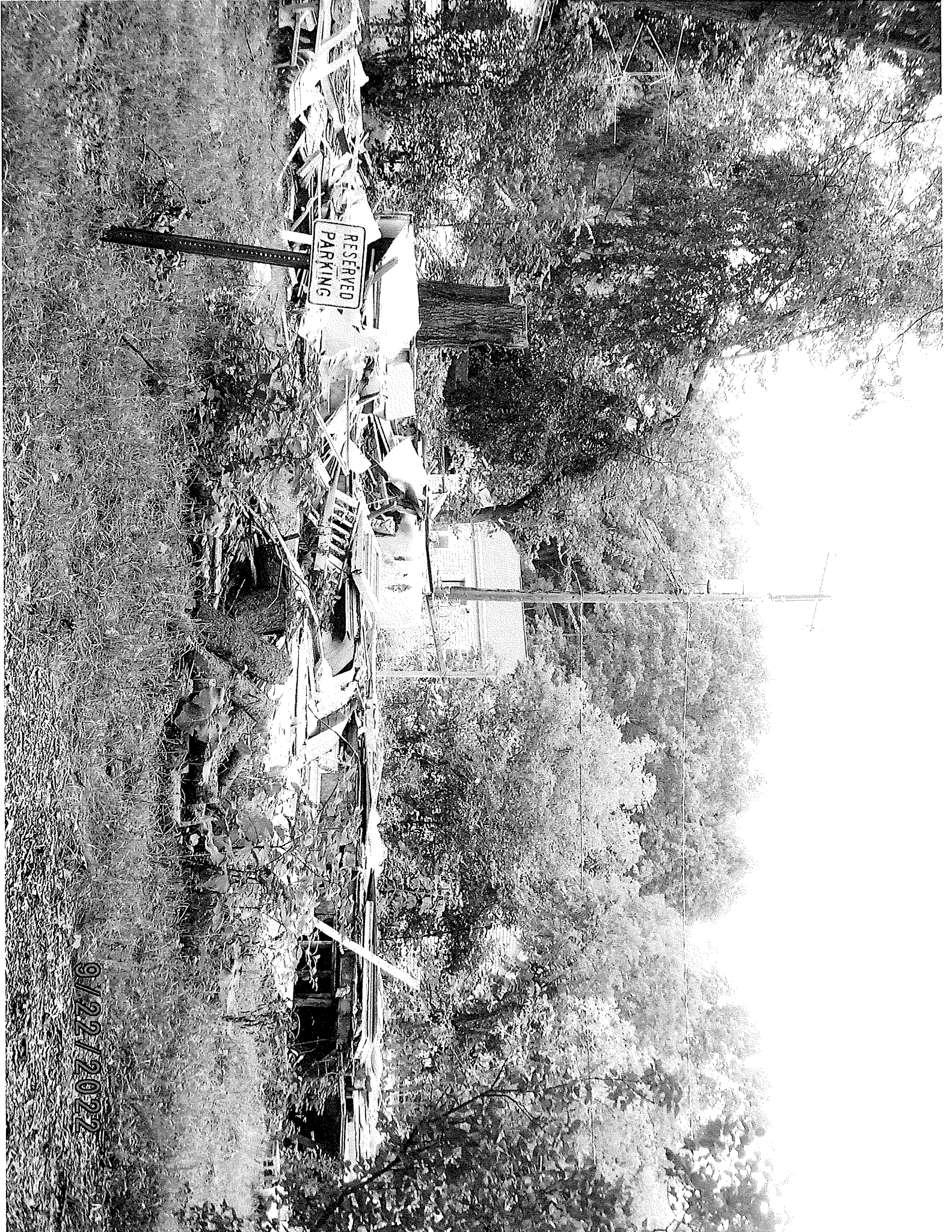
**From:** Howell Township Inspector  
**Sent:** Tuesday, September 27, 2022 9:55 AM  
**To:** Howell Township Clerk  
**Subject:** RE: Board Meeting  
**Attachments:** DSCF1632.JPG; DSCF1633.JPG

1073 has not complied with the boards order to remove his building and clean up his lot. The building has been torn down, but is in a large pile. Pictures are attached, also the instructions that lay out the options the board has. Step 6: Failure to comply with Enforcement Hearing Order.

**From:** Howell Township Clerk  
**Sent:** Tuesday, September 27, 2022 9:34 AM  
**To:** Howell Township Treasurer <treasurer@howelltownshipmi.org>; Howell Township Supervisor <supervisor@howelltownshipmi.org>  
**Cc:** Howell Township Inspector <inspector@howelltownshipmi.org>; Howell Township Assessor <assessor@howelltownshipmi.org>  
**Subject:** Board Meeting

Does anyone have anything for the board meeting which is scheduled October 3rd?

*Jean Graham*  
*Clerk Howell Township*  
*[clerk@howelltownshipmi.org](mailto:clerk@howelltownshipmi.org)*  
*(517)546-2817 ext 106*



912212022

RESERVED  
PARKING

972212022





- Set a date for an Enforcement Hearing before the Township Board at least 30 days after the initial Hearing to Make Safe or Demolish. The Enforcement Hearing may be held at a regular or special meeting of the Township Board.
- Mail the Property Owner notice of the enforcement hearing and Report of Non-Compliance, serve the Property Owner in the same manner as Step 2.

#### **Step 5: Enforcement Hearing:**

- Post public notice at least 18 Hours before the Enforcement Hearing in the same manner as Step 2. **See Form 6.** Further mail the notice to the property owner by first-class mail.
- If the Township Board approves or modifies the Hearing Officer's Order, the Property Owner has **60 days** to comply after the date of the Enforcement Hearing.
  - If the Order is for demolition and the building or structure has been substantially destroyed by fire, wind, flood or other natural disaster **and** the cost of repair of the building or structure will be **greater than** the state equalized value of the building or structure, the Property Owner must demolish the building within **21 days**.
- The Order from the Township Board will be in the form of a resolution. **See Form 7.**
- Serve the Property Owner with a Copy of the Township's Order. **See Form 7.**

#### **Step 6: Failure to comply with Enforcement Hearing Order:**

- The Township may want to contact the Township attorney for specifics regarding next steps.
- Verify whether the property has been repaired, made safe, or demolished per the Township's enforcement decision.
- If no previous contact has occurred, the Township may want to contact the property owner and indicate the property owner is violating the Township's enforcement decision. Failure to comply may result in a civil infraction violation, as well as the Township will be proceeding to demolish the structure (or action ordered) and charging such costs against the property owner.
- The Township **may** also issue a municipal civil infraction of not more than \$500.00, plus costs which may include all direct or indirect expenses to which the Township has been put in connection with the violation.
  - Each day the Property Owner is in violation of the Ordinances is separate offense.
- If the property owner continues to ignore the Township's decision, obtain estimates for the cost of demolishing the dangerous building or structure, or the costs of otherwise making it safe.
- Serve the Property Owner with a **Letter re Cost to Make Safe or Demolish** by first class mail. **See Form 8** (also attach Board order and Hearing Officer's Order).
- The Township may contract for the demolition, making safe or maintaining the exterior of the building or structure or grounds adjoining the building or structure. The Property Owner is responsible for the Township's costs.
- After the dangerous buildings or structures are made safe or demolished, the Township should provide a post-resolution letter to the Property Owner, outlining what action was taken, and the total costs for which the Property Owner is responsible. **See Form 9.**

- This notice must be sent to the Property Owner by first class mail at the address shown on the tax records.
- The Property Owner has 30 days to pay the Township's costs.
- In the case of a single family dwelling or a two family dwelling, after 30 days the Township has a lien on the property which is effective after filing/recording the lien in the property's chain of title.
  - The lien for costs is collected and treated as a property tax lien.
  - The Township Attorney should be contacted to ensure the lien is properly recorded.
- In the alternative, the Township *may* choose to bring an action in circuit court for the cost of demolition, making safe or maintaining the exterior of the building or structure or grounds adjoining the building or structure.
  - This approach requires a lawsuit to be filed, but would allow for the Township to enforce the court's order against the Property Owner's real property other than the property on which the dangerous building was located.
  - The court's order would be a lien for the amount of the judgment against ALL of the Property Owner's real property in the State of Michigan and is effective after filing/recording the judgment lien.
  - This approach is advantageous when the cost of demolition outweighs the value of the property on which the dangerous building sits.
  - If you have concerns about whether it is best to file a lien, or a circuit court action, please contact the Township Attorney.

STATE OF MICHIGAN

HOWELL TOWNSHIP, LIVINGSTON COUNTY  
RESOLUTION 07.22.511

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In the matter of the property and buildings	)	
Located at 1073 Barron Rd. Howell, Michigan 48855	)	Dangerous Building
Livingston County, Parcel No 4706-13-401-010,	)	Matter No. 2022-01
Owner of record Jeff McKendrick	)	
<hr/>		

**FINAL RESOLUTION AND ORDER OF THE HOWELL TOWNSHIP BOARD**

At a Public Hearing on the 11 day of July, 2022 at 6:30 p.m. at the Howell Township Hall, held during a regular meeting of the Howell Township Board, and pursuant to the Howell Township Dangerous Building Ordinance and the Housing Law of Michigan, MCL 125.521 *et seq.*,

PRESENT: Coddington, Hohenstein, Graham, Counts, Melton, Newstead, Smith

ABSENT: None

The following Resolution and Order was offered by Hohenstein and supported by Newstead.

**WHEREAS**, a Dangerous Buildings Hearing was properly noticed and held by the Howell Township ("Township") at the Township Hall on May 26, 2022, concerning the building(s) or structure(s) located at 1073 Barron Rd. Howell, Michigan 48855 (the "subject property"), pursuant to the Housing Law of Michigan, MCL 125.541(4) (the "Statute"); and

**WHEREAS**, on May 31, 2022, the Hearing Officer issued a Decision and Order, finding that the subject property constitutes a dangerous building as defined by the Ordinance and state law; and

**WHEREAS**, the Hearing Officer's Decision and Order required the property owner to repair and make safe the structure so that it is not a dangerous building within thirty (60) days, or in the alternative, to demolish and remove the structure from the property within thirty (60) days; and

**WHEREAS**, the Hearing Officer's Decision and Order was filed with the Township Board and served on the property owner in the manner prescribed by the Statute and the Ordinance; and

**WHEREAS**, the Township Board fixed July 11, 2022 as the date for a hearing (the "Hearing") on the Hearing Officer's Decision and Order, and gave notice to the property owner of said Hearing in the manner prescribed in state law and the Ordinance; and

**WHEREAS**, at the Hearing, the property owner, agent, or lessee was given an opportunity to show cause why the Hearing Officer's Decision and Order should not be enforced; and

**WHEREAS**, the property owner, agent, or lessee did / did not (circle one) appear at the Hearing.

**NOW, THEREFORE, BE IT RESOLVED AND ORDERED THAT:**

1. The Township Board **APPROVES / DISAPPROVES / MODIFIES** (circle one) the Hearing Officer's Decision and Order.
2. The Owner, agent, or lessee of the subject property shall comply with the Hearing Officer's Decision and Order within sixty (60) days of the date of this Order.
3. In the event of the failure or refusal of the owner or party in interest to comply with the Hearing Officer's Decision and Order within sixty (60) days, the Township Board may, in its discretion, contract to either make the property safe through maintenance or repairs, or to demolish the dangerous building or structure, pursuant to the Ordinance.
4. In addition, any person or other entity who fails or refuses to comply with the Hearing Officer's Decision and Order within sixty (60) days, shall be responsible for a municipal civil infraction and subject to a civil fine of not more than \$500.00, plus costs, pursuant to the Ordinance.
5. An owner aggrieved by this Resolution and Order may appeal to the circuit court by filing a petition for an order of superintending control within twenty (20) days.


ADOPTED:

Yeas: Coddington, Smith, Graham, Counts, Melton, Hohenstein, Newsteaad

Nays: None

RESOLUTION AND ORDER DECLARED ADOPTED.

I, Jean Graham, Township Clerk of Howell Township, hereby certify this to be a true and complete copy of Resolution and Order No. 07.22.511, duly adopted at a regular meeting of the Township Board held on the 11<sup>th</sup> day of July, 2022.

  
\_\_\_\_\_  
Howell Township Clerk

**8B**

## Howell Township Clerk

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**From:** Bradley, John W. <johnbradley@spicergroup.com>  
**Sent:** Monday, September 26, 2022 7:53 AM  
**To:** Howell Township Treasurer; Howell Township Clerk  
**Cc:** Jorgensen, Elsie M; Westmoreland, Phil A.  
**Subject:** Pioneer Cemetery  
**Attachments:** 20220926\_WCD 01.pdf; Pioneer Cemetery Plan\_20220919.pdf

Jonathan and Jean,

Attached for your use, is the project plan drawing for Pioneer Cemetery. Please let me know if you need hard copies plotted and delivered to the Township.

Jonathan – per the Township’s request, I have include a work change directive (WCD) for the project which will authorize Spicer to perform construction staking and inspection.

Please let me know if the Township has questions or comments for the plan drawing or the WCD.

Thank you,

John

**John Bradley** | Project Manager  
**SPICER GROUP, INC.**  
Office: 989-224-2355 | Cell: 517-719-5503  
[www.spicergroup.com](http://www.spicergroup.com)  
Stronger. Safer. Smarter. Spicer

**OWNER'S WORK CHANGE DIRECTIVE**

**NO. 1 TO PROFESSIONAL SERVICES**

**OWNER -** Howell Township

**PROJECT -** Pioneer Cemetery

**DATE OF ORIGINAL AGREEMENT -** August 8, 2022

**PROFESSIONAL'S WORK ORDER -** 132438SG2022

In order to help permit the PROFESSIONAL to meet the OWNER'S needs for the referenced project, the OWNER hereby directs the PROFESSIONAL to revise the PROFESSIONAL'S contracted responsibilities (scope of work) according to the following items:

Study

[\$7,000 Budget / No Revision]

Design and Permitting

[\$3,500 Budget / No Revision]

Construction Inspection

[\$0 Budget / \$5,000 Revision]

1. Provide Construction Oversight
2. Provide Construction Staking for underdrain system piping
3. We have estimated 5 days

Amendment Amount: **\$5,000.00**

Current Contract Amount: **\$10,500.00**

New Contract Amount: **\$15,500.00**

Approved by Owner:

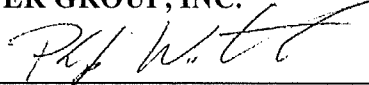
**HOWELL TOWNSHIP**

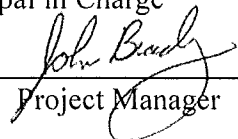
By: \_\_\_\_\_  
Authorized Signature

Date: \_\_\_\_\_

Prepared by Engineer:

**SPICER GROUP, INC.**

By:  \_\_\_\_\_  
Principal in Charge

By:  \_\_\_\_\_  
Project Manager

Date: September 26, 2022





9A



STATE OF MICHIGAN

GRETCHEN WHITMER  
GOVERNOR

MICHIGAN STATE HOUSING DEVELOPMENT AUTHORITY  
LANSING

GARY HEIDEL  
ACTING EXECUTIVE DIRECTOR

### **Become a MIHAF Partner**

The Michigan State Housing Development Authority (MSHDA) opened the Michigan Homeowner Assistance Fund (MIHAF) program on February 14, 2022.

Michigan was allocated \$242.8 million from the American Rescue Plan Act of 2021's (the ARP) Homeowner Assistance Fund (HAF) program which Governor Gretchen Whitmer designated MSHDA as the program's operating agency.

We can help homeowners with delinquent mortgage/housing payments, delinquent property taxes, delinquent condominium association fees or delinquent utility payments to help them avoid foreclosure, displacement, or utility shut-off once you sign up to participate in this much needed program.

If you are a mortgage lender or servicer, please return the fully executed and completed MIHAF Collaboration Agreement and Service Provider Contact and ACH Instructions documents to [MSHDA-HO-HAF-Program@michigan.gov](mailto:MSHDA-HO-HAF-Program@michigan.gov).

If you are a County Treasurer, condominium association, utility company, local municipality collecting water/sewer payments, land contract seller or land contract management company, mobile home consumer lender or park manager, or broadband internet provider, please return the fully executed and completed MIHAF Provider Participation Agreement and Service Provider Contact and ACH Instructions documents to [MSHDA-HO-HAF-Program@michigan.gov](mailto:MSHDA-HO-HAF-Program@michigan.gov).

You only need to sign up one time. Your name will be added to our Partner Provider Database.

We always disburse MIHAF funds directly to the MIHAF Program Partner to be applied to your client's delinquent account once the homeowner is determined eligible for the MIHAF program assistance.

If you need further information please contact us 517-335-6481 or email your questions to [MSHDA-HO-HAF-Program@michigan.gov](mailto:MSHDA-HO-HAF-Program@michigan.gov).

**Michigan Homeowner Assistance Fund  
Michigan State Housing Development Authority  
Provider Participation Agreement**

This Participation Agreement (Agreement) made this \_\_\_\_ day of \_\_\_\_\_, 20\_\_ by and between the Michigan State Housing Development Authority (MSHDA) and \_\_\_\_\_ (Provider), the undersigned, and hereby confirm their mutual agreement on the following principles relating to the Michigan Homeowner Assistance Fund (MIHAF).

RECITALS:

WHEREAS, MSHDA has created a federally funded program under its Michigan Homeowner Assistance Fund (MIHAF) Program; and

WHEREAS the MIHAF program was established to mitigate financial hardships associated with the coronavirus pandemic by providing funds to eligible entities, the Provider(s) as described herein, for the purpose of preventing homeowner mortgage delinquencies, defaults, foreclosures, loss of utilities or home energy services, and displacements of qualified homeowners (“Homeowners”) experiencing financial hardship after January 21, 2020, through qualified expenses related to mortgages and housing, for the benefit of those Homeowners; and

WHEREAS, Provider is mortgage-loan servicer, mortgage holder, County Treasurer, land contract vendor, condominium association, or provider of public utilities, to whom one or more debts are owed that are eligible as Qualified Expenses under the MIHAF; and

WHEREAS, if a mortgage-loan servicer or mortgage-holder, Provider is a State, Federal, or national bank regulated by the Federal Reserve, a national bank or federally chartered bank regulated by the Office of the Comptroller of the Currency (OCC), a state bank regulated by the Federal Deposit Insurance Corporation (FDIC), a state or federal chartered credit union regulated by the National Credit Union Administration (NCUA), a state-chartered bank, credit union, or mortgage servicing organization regulated by the Michigan Department of Insurance and Financial Services (DIFS), or a governmental agency, that own the mortgage servicing rights of mortgage loans and services certain mortgage loans for borrowers who may be eligible to participate in the MIHAF program; or

WHEREAS, if a County Treasurer, Provider is the office of the duly designated receipt of real-property taxes for a county of the State of Michigan, with statutory powers of collection and foreclosure pursuant to the General Property Tax Act, Act 206 of 189; or

WHEREAS, if land-contract vendor, Provider is the vendor of an enforceable land contract governing real property located within the State of Michigan, and possessing legitimate powers of forfeiture and/or foreclosure pursuant to Michigan law; or

WHEREAS, if a condominium association, Provider is a legally recognized entity with authority to administer a condominium project located within the State of Michigan, and possessing a power of foreclosure pursuant to the Michigan Condominium Act, Act 59 of 1978; or

WHEREAS, if a provider of public utilities, Provider is an entity that provides electric, gas, home energy, water, internet service, or related goods and services to one or more residential properties within the State of Michigan, possessing a power to discontinue such services in the event of non-payment by the affected residents; and

WHEREAS, the above-defined Provider is able to document their authority to conduct business within the State of Michigan; where Provider is a company, Provider is able to provide a certified copy of Articles of Incorporation/Organization and certificate of Good Standing from the State of Michigan, or comparable verification of legitimate organization, upon request by MSHDA; where Provider is a County Treasurer, Provider is able to provide confirmation of same on County letterhead; where Provider is a land-contract vendor, Provider is able to provide confirmation that Provider is the person or entity eligible to receive payment under the terms of the land contract. If Provider is a non-Michigan business entity, Provider must upon request provide a certified copy of Articles of Incorporation/Organization filed in the State of Michigan, together with a Certificate of Authority to transact business in Michigan; and

WHEREAS Provider desires to participate in the MIHAF Program; and

WHEREAS Provider understands that participation in the MIHAF Program is voluntary and is distinct from Provider's participation in any other local, state, or federal foreclosure prevention, eviction prevention, or utility-access preservation programs; and

WHEREAS Provider and MSHDA desire to enter into this Agreement to set forth certain premises and mutual covenants:

NOW, WHEREFORE, MSHDA and Provider agree as follows:

1. **Application Process.** Homeowners will access the MIHAF Program through an online MIHAF application, or through a secure phone link, using systems established or designated by MSHDA. Provider understands that it will not be involved in determining eligibility for MIHAF Program, and that MSHDA shall make eligibility determinations according to its sole interpretation of MIHAF program guidelines.
2. **Selection/Qualification of Borrowers.** MSHDA shall be responsible for the selection/qualification of Homeowners to receive MIHAF Program funding. Provider may refer potentially eligible borrowers to MSHDA, and Provider is encouraged but not required to market the MIHAF Program. MSHDA shall make marketing materials available to Provider including web graphics and brochures in pdf format. Providers may refer Homeowners to MIHAF's website at [www.michigan.gov/mihaf](http://www.michigan.gov/mihaf) or MIHAF customer service at 844-756-4423 to apply or for MIHAF Program information.
3. **Point of Contact.** MSHDA shall provide a list of key contacts to Provider. Provider agrees to provide a primary and secondary point of contact, and electronic funds transfer information to MSHDA to facilitate communication and transfer of program funds (**Exhibit A**) and shall provide accessible contacts to MIHAF Program eligible Homeowners to address Provider's participation in the MIHAF Program and the administration of MIHAF payments as to Homeowner's accounts with Provider.

4. **ACH Payments.** Provider shall promptly provide ACH transmission information to MSHDA, as described in **Exhibit A**. Provider agrees that all MIHAF payments will be made via ACH.

5. **Information Sharing/Written Authorization.** MSHDA shall be responsible for procuring written authorization from each Homeowner to share information with Provider. A copy of the signed authorization will be provided to Provider through secured e-mail or web portal. Provider agrees to communicate information about the resolution of the assisted Homeowner's deficiency or default including suspension or termination of foreclosure or forfeiture proceedings, or other resolution options, to MSHDA. MSHDA and Provider agree to use a defined automated and secure process to submit borrowers to Provider for workout consideration.

6. **Transmission of Non-Public Personal Information.** All communication that includes a Homeowner's **Nonpublic Personal Information** (as defined below) between MSHDA and Provider shall be sent through encrypted e-mail, secure loan portal or other similar secure electronic delivery system. MSHDA and Provider agree that they will maintain or implement appropriate measures designed to (a) ensure the security and confidentiality of any Nonpublic Personal information it received from the other party, (b) protect against any anticipated threats or hazards to the security or integrity of such information, (c) protect against unauthorized access to or use of such information that could result in substantial harm or inconvenience to the subject of such information, (d) ensure the proper disposal of all Nonpublic Personal Information received from the other party upon the termination of the Agreement for any reason, unless the information is required to be retained for legal or regulatory record retention purposes, (e ) treat the Nonpublic Personal Information with at least the same degree of care that it uses to protect its own confidential and proprietary information of a similar nature but with no less than a reasonable degree of care, and (f) implement or utilize appropriate technological safeguards that are at least in compliance with the Gramm-Leach Bliley Act and generally recognized industry standards.

"Nonpublic Personal Information" means any information received from or provided by the other party which pertains to or identifies an individual, such as name, postal address, e-mail or IP address, facsimile or phone number, mother's maiden name, social security or identification number, transactional, employment, financial data, medical or health records, personal, gender, political profile, account, and password information.

7. **Homeowner Assistance.** Once a Homeowner is accepted to the MIHAF Program, Provider shall not initiate foreclosure, forfeiture, nor collections, and if the Homeowner is already in the foreclosure, forfeiture, or collections process, shall not continue such process during the term of assistance. In the case of utility assistance, utility service shall be restored. Where a Homeowner's obligations to Provider exceed the maximum assistance that the MIHAF Program will pay on Homeowner's behalf, the MIHAF Program may still pay such benefits for the benefit of the Homeowner, but any agreement addressing the remaining deficiency will be strictly between Provider and Homeowner; neither MSHDA nor the MIHAF Program shall have any further obligation as to such a deficiency, nor shall MSHDA participate in the resolution of, nor be a party to, any agreement resolving such a deficiency. Providers are encouraged but not required to consider mechanisms for addressing such a deficiency that will delay the risk of additional default, such as amortizing the deficiency into future payments due from Homeowner.

MSHDA and Provider agree that all MIHAF Program Homeowner assistance options will be conducted in accordance with the MIHAF program descriptions and requirements detailed in the respective program term sheet(s), which are attached as **Exhibit B** and incorporated herein. Although Homeowner may be eligible for more than one type of relief under the MIHAF Program, Homeowner may only receive such relief one time, and once per home address; there shall be no duplication of relief within the MIHAF program, or between the MIHAF program and any other federal assistance programs. Provider recognizes that the MIHAF program is a federal program administered by the U.S. Treasury, may be subject to program guideline changes issued after the date of this agreement, and agrees to abide by the terms of subsequent or superseding federal guidance.

Provider agrees the program guidelines may be amended by MSHDA from time to time. Provider has reviewed the program term sheet and agrees to comply with all Program guidelines as outlined by MSHDA. MSHDA will notify the primary contact provided by Provider of any program amendments and/or changes. Provider is responsible to obtain any required investor and mortgage insurer approval.

**8. MIHAF Program Approval.** Upon notification by MSHDA that a Homeowner has been conditionally approved for MIHAF, Provider agrees to promptly accept or deny each Homeowner's participation in the MIHAF Program. Provider agrees that denial shall be only for good cause such as pending litigation, potential fraud, bankruptcy restrictions, and foreclosure status or if denied by investor or mortgage insurer for good cause.

**9. MIHAF Program.** Provider agrees to provide timely communication of Homeowner's deficiency status to the MSHDA, including sufficient information to identify that the correct deficiency matched to the correct Homeowner, and the amount owed. Provider agrees to apply MIHAF funds towards principal, interest, taxes, and insurance (collectively PITI). MSHDA agrees Provider may apply such funds towards attorney's fees, late charges and NSF fees, property inspection fees, escrow shortage and/or delinquent property taxes, one year of standard homeowner's insurance if forced place insurance has been invoked, and other fees and expenses if they are deemed an advance on Program funds towards delinquent property taxes.

**10. Timing.** Provider acknowledges that it is responsible for timely application of MIHAF Program funds. Provider shall hold the Homeowner harmless if payments are not applied timely. Provider agrees that it will timely provide MSHDA with written reports documenting application of MIHAF Program funds or alternatively to provide MSHDA an exception report for any funds that could not be applied. All remaining delinquencies identified after MIHAF funding must be resolved between Homeowner and Provider. The period of performance for MIHAF Program awards begins on the date hereof and ends on September 30, 2026, unless otherwise extended by U.S. Treasury. Provider shall not be eligible to receive MIHAF Program funds after such period of performance ends.

**11. Repayment of Funds.** Where the Homeowner has an ongoing obligation to the Provider that will continue after application of program funds to the deficiency, such as with an ongoing mortgage loan, MSHDA agrees that Provider will not be required to repay amounts applied to a borrower's loan if that borrower is later determined to be ineligible. If the Provider is eligible to

retain excess funds and overages, those may be retained by Provider and applied for the benefit of the Homeowner's ongoing obligation. Provider may be required by MSHDA to demonstrate how retained excess funds will be applied for the benefit of the homeowner, in such format as MSHDA shall require. If Provider is not eligible to retain and apply excess assistance due to the lack of an ongoing obligation or shall otherwise fail to apply Grant funds to the Homeowner's housing delinquencies, such unapplied funds are the property of MSHDA and shall be promptly returned to Grantor within thirty (30) days of determination of excess funding, but in any event shall not be paid directly to the Homeowner.

**12. Homeowner Actions/Fraud.** Provider agrees to promptly notify MSHDA in writing of any ongoing legal action against a Homeowner, including fraud-related activities.

**13. Cessation of Mortgage Payments.** MSHDA agrees it will promptly provide notice before it ceases payment of MIHAF Program funds to allow Provider time to evaluate the Homeowner for other loss mitigation options.

**14. MIHAF Program Eligibility.** Provider agrees that it is not authorized or empowered to determine and/or communicate to the Homeowner eligibility for MIHAF Program funds. MSHDA agrees that it is not authorized or empowered to determine and/or communicate to the Homeowner eligibility for foreclosure, forfeiture, or shut-off prevention programs of Provider. MSHDA retains sole authority for its MIHAF Program eligibility determination and communication to the Homeowner and Provider. Provider will communicate with Homeowner and MSHDA regarding modification and other Provider-driven approvals.

**15. Provider Legal Compliance Obligations.** Provider recognizes and accepts that the MIHAF Program is a federally funded grant program and acknowledges that failure to abide by MIHAF Program terms may result in recapture of grant funds or other sanctions.

Provider will comply with local, state, and federal laws pertaining to discrimination, including, but not limited to: the Fair Housing Act (42 U.S.C. 3601-19) and implementing regulations; Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d-2000d-4) and implementing regulations; Title VIII of the Civil Rights Act of 1968 (as amended by the Fair Housing Amendments Act of 1988) and implementing regulations; the Age Discrimination Act of 1975 (42 U.S.C. 6101-07) and implementing regulations; Title II of the Americans with Disabilities Act (42 U.S.C. 12101, et seq); the Elliott-Larsen Civil Rights Act; and the Michigan Persons With Disabilities Civil Rights Act.

**16. Termination.** Participation in the MIHAF Program is voluntary, and either Provider or Homeowner may terminate their respective participation agreement without cause, with 30 days written notice, unless or until MIHAF Program funds have been paid to Provider by MSHDA and accepted by Provider for the benefit of the Homeowner. Either party may terminate immediately upon material breach from the other party; in event of such termination, Provider shall accept and apply payments as agreed on behalf of a Homeowner already approved prior to the immediate termination, or shall return applicable assistance funds to MSHDA, at Provider's discretion.

Accepted and agreed to by:



Provider: \_\_\_\_\_

By: \_\_\_\_\_

Print: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Michigan State Housing Development Authority

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

**EXHIBIT A**  
Provider Contact and ACH Instructions

**EXHIBIT B**  
MIHAF Program Term Sheet

**MICHIGAN STATE HOUSING DEVELOPMENT AUTHORITY**

**735 E Michigan Avenue  
Lansing, Michigan 48912**

**Michigan Homeowner Assistance Fund (MIHAF) Provider Contact  
Information  
and ACH Instructions**

MiEncrypt is used to exchange secure communication. The State of Michigan Data Exchange (DEG) is used to send records back and forth. When your MSHDA MIHAF Advisor reaches out to the contacts below, the Provider will be assigned a username and password to access the site. MIHAF will communicate case level detail to the individual listed below using the Common Data File (CDF) or Excel or encrypted email. Approved funds will be deposited into the Depository Financial Institution (DFI) account provided.

**Service Provider Name:**

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**Primary/Management Contact Information:**

(name, phone number, email address)

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**Case Level Contact Information:**

(name, phone number, email address)

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**ACH Instructions for Provider's Depository Financial Institution (DFI):**

DFI Routing-Transit Number \_\_\_\_\_

DFI Name: \_\_\_\_\_

Account Name: \_\_\_\_\_

Account Number: \_\_\_\_\_

Type of Account: \_\_\_\_\_ Checking \_\_\_\_\_ Savings

# Michigan Homeowner Assistance Fund (MIHAF) Term Sheet

**Program:** Michigan Homeowner Assistance Fund (MIHAF)

**Date:** May 1, 2022

<b>Program Overview</b>	This MIHAF program was established under section 3206 of the American Rescue Plan Act of 2021 (the ARP) to mitigate financial hardships associated with the coronavirus pandemic by providing funds to eligible entities for the purpose of preventing homeowner mortgage delinquencies, defaults, foreclosures, loss of utilities or home energy services, and displacements of homeowners experiencing financial hardship on or after January 21, 2020, through qualified expenses related to mortgages and housing.
<b>HAF Program Goal</b>	To provide financial assistance to Michigan Eligible Homeowners to eliminate or reduce past due payments associated with homeownership, including payments under a forbearance plan, deferred payments, full or partial reinstatements, corporate advances on a Reverse mortgage, and past due payment on loans secured by manufactured home or contracts of deeds. To provide financial assistance to Michigan Eligible Homeowners to eliminate or reduce past due property tax, condominium association dues, and/or housing utility payments.
<b>Size of MIHAF Program</b>	Michigan State Housing Development Authority (the Authority) will utilize up to <b>\$206,086,279</b> (total award \$242,812,277 less 15% administrative costs) of its total HAF allocation for this program.
<b>Targeted Population of Homeowners and Financial Challenges Program Seeks to Address</b>	Not less than 60% of amounts made available for MIHAF program expenses will be used for qualified expenses to assist homeowners having incomes equal to or less than 100% of the area median income household limit in accordance with HUD'S FY 2021 HAF Income Limits. Any amount not made available to homeowners that meet this income-targeting will be used for qualified expenses to assist homeowners having incomes equal to or less than 150% area median income and will be prioritized for assistance to socially disadvantaged individuals as outlined in U.S. Department of the Treasury Guidance dated August 2, 2021. Program funds will be made available to assist all eligible homeowners on a first come, first serve basis.
<b>Eligible Homeowners</b>	<p>"Eligible Homeowners" for Michigan's MIHAF program must meet the following criteria:</p> <ul style="list-style-type: none"> <li>• Homeowner must have experienced and attest to a Qualified Financial Hardship on or after January 21, 2020 or had a Qualified Financial Hardship that began before January 21, 2020 but continued after that date. The attestation must describe the nature of the financial hardship.</li> </ul>

	<ul style="list-style-type: none"> <li>• Homeowner must currently own and occupy the property as their primary residence.</li> <li>• Homeowner must meet the Homeowner Income Eligibility Requirements.</li> </ul>
<b>Eligible Legal Ownership Structures</b>	<p>“Eligible Legal Ownership Structures” include only the following:</p> <ul style="list-style-type: none"> <li>• Those where the home is owned by a “natural person” (i.e., LLP, LP, S-Corp, or LLC <u>do not</u> qualify). Where the estate of a deceased natural person is the ownership entity, the owner may be eligible, subject to review by the Authority.</li> <li>• Those where the homeowner has transferred their ownership right into non- incorporated, Living Trusts, provided the homeowner occupies the home as the primary/principal residence.</li> <li>• Those where the home is under a Purchaser’s Interest in a Land Contract valid under Michigan law.</li> <li>• Those where the home is owned by a certificate of title.</li> <li>• Those where the occupant is a member of a “Consumer housing cooperative organized under Michigan law.”</li> </ul>
<b>Qualified Financial Hardship</b>	<p>A “Qualified Financial Hardship” is a material reduction in income or material increase in living expenses associated with the coronavirus pandemic that has created or increased a risk of mortgage delinquency, mortgage default, foreclosure, loss of utilities or home energy services, or displacement for a homeowner.</p> <ul style="list-style-type: none"> <li>• <b>Reduction of Income</b> – Temporary or permanent loss of earned income on or after January 21, 2020 or that began before January 21, 2020 but continued after that date.</li> <li>• <b>Increase in living expenses</b> – Increase in out-of-pocket household expenses such as, medical expenses, inadequate medical insurance, increase in household size, or costs to reconnect utility services directly related to coronavirus pandemic on or after January 21, 2020 or that began before January 21, 2020 but continued after that date.</li> </ul>
<b>Homeowner Income Eligibility Requirements</b>	<p>To be eligible for assistance under the Michigan’s MIHAF Program, homeowners <b>must have incomes equal to or less than 150% of the area median income</b> household limit in accordance with HUD’S FY 2021 HAF Income Limits. (“Homeowner Income Eligibility Requirements”).</p>
<b>Homeowner Prioritization</b>	<ul style="list-style-type: none"> <li>• The Authority will prioritize funding to the following populations:</li> <li>• Not less than 60% will be used for qualified expenses that assist homeowners having incomes equal to or less than 100% of the area median income.</li> <li>• Amounts not made available to homeowners that meet the above</li> </ul>

	<p>income-targeting requirement will be used to assist homeowners having household incomes equal to or less than 150% of area median income and prioritized for assistance to socially disadvantaged individuals as defined by the Department of U.S. Treasury’s guidance dated August 2, 2021.</p> <p>“Socially Disadvantaged Individuals” are those whose ability to purchase or own a home has been impaired due to diminished access to credit on reasonable terms as compared to others in comparable economic circumstances, based on disparities in homeownership rates in Michigan as documented by the U.S. Census. “Socially Disadvantaged Individuals” are those who have been subjected to racial or ethnic prejudice or cultural bias within American society because of their identities as members of groups and without regard to their individual qualities. Social disadvantage must stem from circumstances beyond their control.</p> <p>Indicators of socially disadvantage impairment may include being a 1) member of a group that has been subjected to racial or ethnic prejudice or cultural bias with American society; 2) resident of a majority-minority Census tract; 3) individual with limited English proficiency; 4) individual who lives in a persistent-poverty county that has had 20% or more of its population living in poverty over the last 30 years; 5) single-member households, Female heads of households with related children and Shelter overburden households as supported in Michigan’s data analysis, and 6) an individual who identifies and self-attests to being socially disadvantaged within the application process.</p>
<p><b>Eligible Properties</b></p>	<p>“<u>Eligible Properties</u>” are those that are:</p> <ul style="list-style-type: none"> <li>• Single-family (attached or detached) properties</li> <li>• Condominium units.</li> <li>• 1 to 4-unit properties where the homeowner is living in one of the units as their primary residence.</li> <li>• Manufactured homes permanently affixed to real property and taxed as real estate.</li> <li>• Mobile homes not permanently affixed to real property.</li> </ul> <p><u>Ineligible properties:</u></p> <ul style="list-style-type: none"> <li>• Vacant, lacking a dwelling, or abandoned.</li> <li>• 2<sup>nd</sup> homes.</li> <li>• Investment property.</li> <li>• 1 to 4-unit properties where the homeowner/landlord has received Emergency Rental Assistance Funds.</li> </ul>
<p><b>Eligible Qualified Expenses MIHAF Program Proceeds</b></p>	<p>Housing obligations as listed below and incurred by a Homeowner’s Qualified Financial Hardship on or after January 21, 2020 or had a Qualified Financial Hardship before January 21, 2020, but continued after that date are eligible “Qualified Expenses” of MIHAF Program Proceeds:</p> <ul style="list-style-type: none"> <li>• Existing delinquent first mortgage lien payments (principal, interest, taxes, insurances (PITI)), escrow shortages, corporate advances.</li> <li>• Existing first mortgage lien partial or full forbearance reinstatement</li> </ul>

	<p>and/or delinquent monthly forbearance payments.</p> <ul style="list-style-type: none"> <li>• Existing delinquent subordinate mortgage lien payment (P&amp;I)</li> <li>• Existing delinquent government subsidized, amortized lien payments (P&amp;I)</li> <li>• Land Contract delinquent monthly payment (P&amp;I)</li> <li>• Manufactured/mobile home delinquent loan monthly payment (P&amp;I) and delinquent lot rent, if applicable.</li> <li>• Utilities, including electric, gas, home energy and water delinquent balances and costs to restore services, if arrearages not otherwise covered from another source of funds.</li> <li>• Internet service, including broadband internet access, delinquent balances, and costs to restore services, if arrearages not otherwise covered from another federal assistance source of funds.</li> <li>• Homeowner’s association fees, condominium association fees or common charges, delinquent balances including costs for lien extinguishment.</li> <li>• Homeowner’s hazard, flood and/or mortgage insurance delinquent balances, including force place coverage, and costs to reinstate coverage.</li> <li>• Delinquent property taxes, including assessed interest and penalties.</li> <li>• Homeowner counseling/non-profit legal entity application assistance costs</li> <li>• De minimis lender-assessed fees.</li> </ul> <p>Arrearages of qualified expenses are eligible for purposes of HAF regardless of the date they were incurred, including if arose before January 21, 2020 per U.S. Treasury guidance dated August 2, 2021.</p> <p>Exhibit A to this Program Design contains the other Treasury-required requirements, such as the maximum dollar amount that this program will provide to each homeowner for each type of qualified expense (“Per Item Maximum Amount”.)</p>
<p><b>Maximum Per Household MIHAF Assistance</b></p>	<p>The Authority will not exceed its “Maximum Per Household MIHAF Assistance” amount of \$25,000 per household, combined across all Eligible Uses, in the MIHAF Program.</p> <p>Additionally, the Authority will not exceed its Per Item Maximum Amounts listed in Exhibit A.</p> <p>Additionally, assistance is limited to one-time, per household.</p>
<p><b>Assistance Type</b></p>	<p>Assistance will be structured as a non-recourse grant.</p>

<p><b>Payout of MIHAF Assistance</b></p>	<p>The Authority will disburse MIHAF assistance directly to mortgage lender/servicer, land contract holder, manufactured/mobile home lender/park (lot fees), county treasurer, condominium/homeowners' association, utility provider, local municipality, internet and/or broadband service providers.</p> <p>The Authority will make no more than one disbursement to each payee.</p> <p>The Authority will disburse the amount quoted by the lender/servicer; any discrepancies to be resolved by the homeowner and lender/servicer.</p> <p>If Homeowner's past due amount exceeds the amount that the Authority can provide, Homeowner may pay the difference, and the Authority will pay the maximum of their limit.</p>
<p><b>Structure of Assistance and Payment Process Description of Qualified Expenses</b></p>	<p>MIHAF assistance will be prioritized to Eligible "Qualified Expenses" of MIHAF Program Proceeds as follows:</p> <ol style="list-style-type: none"> <li>1) Mortgage/housing loan assistance,</li> <li>2) Land Contracts and Reverse Mortgages,</li> <li>3) Property taxes,</li> <li>4) Condominium/homeowners' association fees,</li> <li>5) Mobile home and/or lot payment assistance,</li> <li>6) Homeowner's insurances,</li> <li>7) Utilities,</li> <li>8) Internet services.</li> </ol>
<p><b>Program Launch</b></p>	<p>The Authority is planning to launch the program to the public statewide in the fourth quarter of 2021 subject to the timing of Michigan's legislative appropriation of program funds to the Authority, MSHDA Board approval, and the Department of U.S. Treasury's approval of Michigan's MIHAF Plan. The terms hereof are subject to change based on the foregoing.</p>
<p><b>Program Duration</b></p>	<p>The period of performance for the MIHAF award begins on the date hereof and ends on September 30, 2026. HAF recipient shall not incur any obligations to be paid with the funding from this award after such period of performance ends.</p> <p>The Authority plans to disburse all funds prior to the end of program date, September 30, 2026.</p>
<p><b>Program Leverage with Other Financial Resources</b></p>	<p>The Authority will undertake best effort approach to leverage the assistance that might be available for homeowners through other federal programs that have been created expressly for that purpose before using MIHAF funds for utility assistance, for example.</p>
<p><b>Program Exclusions</b></p>	<ul style="list-style-type: none"> <li>• Home repair/property improvement assistance</li> <li>• Rent to Own or Lease to Own Agreements</li> </ul>

	<ul style="list-style-type: none"> <li>• Partial payments or Payoff of an FHA Partial Claim</li> <li>• Balloon Payment on Land Contract/Mortgage/Consumer loan (manufactured/mobile home)</li> <li>• Principal Reduction or full payoff of a 1<sup>st</sup> or 2<sup>nd</sup> mortgage lien/land contract</li> <li>• Received assistance from Michigan’s COVID Emergency Rental Assistance (CERA) program</li> <li>• MSHDA employees</li> </ul>
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**Exhibit A**

<b>Eligible Uses of MIHAF Program Proceeds</b>	<b>Per Item Maximum Amount Per Homeowner</b>	<b>Description of Intended Impact on Eligible Homeowners</b>
Housing Payment Assistance (Mortgage, Land Contract, Mobile Home)	\$25,000	Reinstate, avoid foreclosure, retain homeownership
Property Tax Assistance	\$25,000	Reinstate, avoid foreclosure, retain homeownership
Condominium Association Assistance	\$10,000 budgeted (and included in \$25,000 Housing payment assistance)	Reinstate, avoid foreclosure, retain homeownership
Homeowner’s Insurances (Hazard, Flood or Mortgage)	\$25,000 (included in Housing payment assistance)	Reinstate and restore coverage
Utility Assistance	\$500 budgeted (and included in \$25,000 Housing payment assistance)	Reinstate and restore services



11C

# Board Meeting Schedule 2023

Meeting scheduled 2<sup>nd</sup> Monday every month at  
6:30 p.m. at 3525 Byron Rd, Howell 48855

Monday January 9, 2023

Monday February 13, 2023

\*Monday March 20, 2023\*

Monday April 10, 2023

Monday May 8, 2023

Monday June 12, 2023

Monday July 10, 2023

Monday August 07, 2023

Monday September 11, 2023

Monday October 9, 2023 (office is closed Columbus Day)

Monday November 13, 2023

Monday December 11, 2023

\*Due to mandatory March dates for Board of Review the Board meeting is moved back one week\*

**11D**

**ADDRESS ASSIGNMENT**

Permit #	Contractor	Job Address	Fee Total
PA22-010	VANGILDER LINDA J	5601 W MARR	\$25.00
<b>Work Description:</b> EAST OF OWOSSO ROAD WEST OF FLEMING ROAD ON THE SOUTH SIDE OF MARR ROAD.			

**Total Permits For Type: 1**  
**Total Fees For Type: \$25.00**

**Residential Land Use**

Permit #	Contractor	Job Address	Fee Total
P22-124	THURMAN BRANDYN AND LI	5692 PRESTON	\$75.00
<b>Work Description:</b> 32 X 40 X 14 POLE BARN WITH A 12 X 20 LEAN-TO			
P22-127	VANGILDER LINDA J	5601 W MARR	\$75.00
<b>Work Description:</b> 3,443 SQ FT SINGLE STORY HOME ON A FULL UNFINISHED WALK OUT BASEMENT, A 3 CAR ATTACHED GARAGE AND A WRAP AROUND REAR DECK AND SCREENED IN PORCH.			
P22-128	RUNYAN EVAN JAMES	3950 OAK GROVE RD	\$75.00
<b>Work Description:</b> 30 X 40 X 12 ADDITION TO AN EXISTING POLE BARN			
P22-129	JOHNSON JERRY & JUDITH	468 DAMA VIEW CT	\$75.00
<b>Work Description:</b> 19 ROOF MOUNTED SOLAR PANELS, 7.22 KW			
P22-126	STOINSKI JUDITH	3067 IVY WOOD CIR	\$75.00
<b>Work Description:</b> 1,607 SQ FT SINGLE STORY HOME ON A FULL UNFINISHED BASEMENT, WITH A 2 CAR ATTACHED GARAGE & A 14 X 20 PATIO.			
P22-125	BROWN CALEB M AND DIANA	5727 LAYTON	\$75.00
<b>Work Description:</b> 1,215 SQ FT HOME BEING REBUILD ON EXISTING FOUNDATION DU TO FIRE. 2 CAR ATTACHED GARAGE AND 12 X 22 DECK.			
P22-134	JOHNSON RAYMOND AND KA	2535 BOWEN	\$10.00
<b>Work Description:</b> TEAR OFF AND RE-ROOF			
P22-131	LEFEVRE SCOTT AND ANGELI	2832 BREWER	\$50.00
<b>Work Description:</b> 16 X 40 INGROUND POOL WITH CEMENT			
P22-118	STEINBERGER RICKY & SAND	2710 ARMOND	\$75.00
<b>Work Description:</b> INSTALLING 3 ROOF MOUNTED SOLAR PANELS - 1.14 KW GRD			
P22-122	OPERATING ENGINEERS LOC	2770 FISHER RD	\$3,050.00

Work Description: DEMOLITION

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P22-121	OPERATING ENGINEERS	325 E HIGHLAND	\$3,050.00
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Work Description: DEMOLITION

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P22-130	STUMPF DIANA E AND TAUBE	1990 BYRON	\$50.00
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Work Description: 10 X 16 DECK ON REAR OF THE HOUSE

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P22-120	BERMAN VICTOR P & TANYA J	1076 FOX HILLS DR	\$10.00
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Work Description: FILL IN GROUND POOL AND REMOVE ALL AFFILIATED MECHANICAL

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P22-119	RICKETTS CHRISTOPHER	1356 BLUE PINE WAY	\$50.00
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Work Description: 4' WHITE VINYL SIDE BY SIDE

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P22-133	REES STEVEN & DEBRA	5453 ARBORETUM	\$10.00
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Work Description: TEAR OFF & RE-ROOF HOUSE AND GARAGE

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P22-132	MCQUEEN ROBERT AND LISA	610 DIETERLE	\$10.00
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Work Description: TEAR OFF AND RE-ROOF

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Total Permits For Type:	16
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Total Fees For Type:	\$6,815.00
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## Sign

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Permit #	Contractor	Job Address	Fee Total
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P22-123	GUIDED MISSION INVESTMEN	1800 N BURKHART	\$75.00
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Work Description: 4 X 6 TEMPORARY SIGN. FOR THE MONTH OF OCTOBER 2022.

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Total Permits For Type:	1
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Total Fees For Type:	\$75.00
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## Report Summary

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Population: All Records  
Permit.DateIssued Between  
9/1/2022 12:00:00 AM AND  
9/30/2022 11:59:59 PM

Grand Total Fees:	\$6,915.00
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Grand Total Permits:	18
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11E

## Monthly Activity Report for September 2022 – Assessing Dept/Brent Kilpela

### MTT UPDATE:

#### 2022

**Chestnut Woods v Howell Township:** Filed answer to appeal on June 22<sup>nd</sup>. The Michigan Tax Tribunal Prehearing General Call set for May 1, 2023 with valuation disclosure due by February 1, 2023.

**Antolin Interiors USA, Inc. v Howell Township:** Filed answer to appeal on July 18<sup>th</sup>. The Michigan Tax Tribunal will schedule discovery and hearing dates according to their calendar.

### SMALL CLAIMS TRIBUNAL:

**Violet Storey v Howell Township:** Attended hearing telephonically. I supported the March Board of Review decision to deny the poverty exemption. Waiting for opinion of judgement from the Tribunal judge.

### ASSESSING OFFICE:

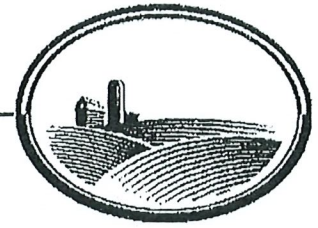
**ASSESSOR:** Field work is progressing. We have done sections 1-14 thus far. Started the preliminary work on the 2023 assessment roll. EagleView imagery is now integrated into BS&A for everyone to use through the Assessing module. I completed the 16 hours of continuing education by utilizing the free online class options from the State Tax Commission. I am starting to run out of those after doing them exclusively online for the last three years. For the 2024 certification year I will have to attend some paid classes in person. The continuing education requirement remains the same for next year.

**OTHER:** Attended monthly Waste Water Treatment Plant meeting.

11J



# BioTech Agronomics, Inc.



Residual Management Company  
1651 Beulah Highway • Beulah • Michigan • 49617

Expires  
12-31-2022

July 8, 2019

## CONTRACT FOR TESTING, REMOVAL AND LAND APPLICATION OF BIOSOLIDS FROM THE HOWELL TOWNSHIP WASTEWATER TREATMENT PLANT

Ms. Jean Graham, Clerk  
Howell Township  
3525 Byron Road  
Howell, Michigan 48855

### Proposal

BIOTECH AGRONOMICS, INC. is pleased to present this proposal to define proposed work associated with the removal and land application of Biosolids generated by the Howell Township WWTP located at 1222 Packard Rd., Howell, Michigan.

### Biosolids Loading and Transport

BIOTECH AGRONOMICS, INC. will furnish the necessary labor and equipment to efficiently and safely provide Biosolids Management services for the Howell Township WWTP. BIOTECH AGRONOMICS, INC. will load Biosolids into transport vehicles, transport the Biosolids to MDEQ and federally approved application sites, and finally to land apply the Biosolids to suitable local farmland sites. All work performed will be under Michigan Part 24, Federal 503 and local regulations.

### Land Application of Biosolids

BIOTECH AGRONOMICS, INC. will provide the labor and equipment to properly apply the Biosolids to suitable local application sites at agronomic rates in accordance with Michigan State University recommendations and applicable federal, state and local regulations. The Biosolids will be subsurface injected or surface applied according to a DEQ approved Residuals Management Plan using sewage sludge applicators equipped with a pressure/vacuum application system.

### Determination of Quantity Removed

BIOTECH AGRONOMICS, INC. shall provide the Owner/Plant Superintendent a duplicate copy of load sheets, which detail the following items:

- Date of removal
- Time the applicator loaded in the field
- Applicator identification number
- Operator name
- Gallons of Biosolids on the applicator
- Farmer name and approved field identification number and the number of acres acceptable for use in the field
- Number of acres accepting Biosolids

One copy of the load sheet(s) will stay with the Owner's plant superintendent and the other will remain with BIOTECH AGRONOMICS, INC. The quantity of Biosolids loaded on and transported by the vehicle will be recorded as the certified capacity of the vehicle. All billed quantities will be invoiced by the gallon capacity of each vehicle transporting the material.

### **Agronomic Services**

BIOTECH AGRONOMICS, INC. will provide agronomic management services that include the location of suitable local farmland application sites. Application sites will meet the requirements for land application in accordance with applicable federal, state and local regulations for the use and disposal of Biosolids. Proposed farmland application sites shall be properly documented in accordance with Michigan Part 24 requirements. Records at a minimum shall include the following:

- Landowner agreement and permission form
- Soil analyses
- MDEQ site I.D. information
- Plat maps indicating location and ownership of property
- SCS or equivalent soil survey map indicating soil types, slope and drainage class
- Relative sludge analyses, soil analyses or cropping information
- Proof of notification to local governing bodies as per MDEQ requirements

### **Regulatory Reports**

BIOTECH AGRONOMICS, INC. shall complete all required federal or state reports applicable to the Biosolids land application program including yearend requirements. These records shall be maintained by BIOTECH AGRONOMICS, INC. as required by federal, state and local regulations and shall be provided to the Owner.

### **Laboratory Analyses and Permits**

BIOTECH AGRONOMICS, INC. will be provided a MDEQ approved Residuals Management Plan (RMP) by the facility. BIOTECH AGRONOMICS, INC. will provide laboratory analyses for total metals and nutrients and fecal coliform testing as needed on the Biosolids prior to removal from the facility. BIOTECH AGRONOMICS, INC. will be responsible for all routine soil fertility analyses associated with land application of the Owner's Biosolids during the term of this Agreement. BIOTECH AGRONOMICS, INC. shall not be responsible for any additional analytical testing that federal, state or local regulatory agencies may require.

### **Health and Safety**

BIOTECH AGRONOMICS, INC. shall comply with the federal, state and local laws and regulations and take any needed actions to protect the life and health of employees on the job and the safety of the public and to protect property during the performance of the Agreement.

### **Insurance**

BIOTECH AGRONOMICS, INC. shall provide and maintain at all times during the term of this Agreement the following minimum insurance coverage:

- a) Workers Compensation Insurance in compliance with the statutes of the State of Michigan which has jurisdiction of BIOTECH AGRONOMICS, INC. employees engaged in the performance of services hereunder with a limit of FIVE HUNDRED THOUSAND DOLLARS (\$500,000)
- b) General Liability Insurance with a minimum combined single limit of THREE MILLION DOLLARS (\$3,000,000), including the broad form property damage endorsement
- c) Automobile Liability Insurance (owned, non-owned or hired units) with a minimum combined single coverage limit of ONE MILLION DOLLARS (\$1,000,000)

- d) Pollution Liability Insurance with a minimum combined single limit of FIVE MILLION DOLLARS (\$5,000,000), including the broad form property endorsement

A certificate of insurance will be presented to the Owner with the Owner additionally insured, if requested, upon award of contract.

**Digester or Tank Cleaning**

At the request of the Owner, BIOTECH AGRONOMICS, INC. will provide confined space Digester or Tank cleaning services to remove accumulated Biosolids and or related matter for subsequent land application at the specified unit rate. Under these conditions, the Owner shall provide for all required cleaning water at no cost to BIOTECH AGRONOMICS, INC. Any material removed under this confined space option shall be billed at the appropriate hourly rate plus the unit rate per gallon for land application of the Biosolids.

**Biosolids Tender**

Howell Township shall tender all biosolids generated to BIOTECH AGRONOMICS, INC. that are suitable for land application on agricultural land as specified in the scope of this Agreement.

**Notification**

The Township of Howell will provide BIOTECH AGRONOMICS, INC. with adequate advance notice of when the facility desires for BIOTECH AGRONOMICS, INC. to remove biosolids from the Facility. Depending on weather, seasonal weight restrictions, and farm land cropping cycles, additional notification may be required.

**Cost of Services**

Year 2020 - \$0.0525 per gallon for Biosolids hauling and land application.  
Standard metals & nutrients testing - \$440.00 per sample.  
Fecal coliform testing - \$448.00 per set of seven.  
Optional Tank cleaning services - \$500.00 per hour.

Year 2021 - \$0.0540 per gallon for Biosolids hauling and land application.  
Standard metals & nutrients testing - \$453.00 per sample.  
Fecal coliform testing - \$461.00 per set of seven.  
Optional Tank cleaning services - \$500.00 per hour.

Year 2022 - \$0.0556 per gallon for Biosolids hauling and land application.  
Standard metals & nutrients testing - \$466.00 per sample.  
Fecal coliform testing - \$474.00 per set of seven.  
Optional Tank cleaning services - \$510.00 per hour.

**Good Faith**

In the event BIOTECH AGRONOMICS, INC. is unable to remove and land apply the Township of Howell biosolids because (i) changes in the biosolids make it unfit for utilization on agricultural land as defined or interpreted by federal, state or local regulatory agencies, or (ii) changes in law prohibit providing the services or increase the cost of providing the services, or (iii) if unfavorable climatic or agronomic conditions have impeded efforts by BIOTECH AGRONOMICS, INC. to faithfully dispose of the biosolids as contemplated by this proposal, or (iv) as the result of flood, fire, strikes, acts of God, act of war or terrorism, civil disturbance, force majeure, or other occurrences not reasonable within the province and control of BIOTECH AGRONOMICS, INC. performance is hindered or halted, BIOTECH AGRONOMICS, INC. shall not be liable for any additional costs incurred by the Township of Howell, and BIOTECH AGRONOMICS, INC. will not be deemed in default under this proposal unless thirty (30) days after the impediment has been resolved or eliminated BIOTECH AGRONOMICS, INC. fails or refuses to remove biosolids tendered to it.

BIOTECH AGRONOMICS INC work schedule is highly controlled by weather, soil conditions, permits and the availability of suitable farmland due to cropping cycles. As such we cannot liable for any losses either directly or indirectly associated with any weather related delays. BIOTECH AGRONOMICS, INC will not accept responsibility for any assessment of liquidated damages.

**Spill Plan and Protocol**

BIOTECH AGRONOMICS, INC. has a strict protocol to be followed in the untimely event of a spill. If such an event occurs the person in charge of the load, the operator of the application equipment, load stand operator or truck driver, must contact their immediate supervisor after making a visual assessment of the action and if possible taking action to contain or correct the problem. The supervisor is to contact the BIOTECH AGRONOMICS, INC. Operations Manager and the chain of contacts begins. The plant personnel are informed and an assessment will be done by personnel from both entities. At this time the decisions will be made to contact local authorities, MDEQ representative, additional emergency services and so on depending upon severity. All the above continues while the containment efforts are addressed. All assets and efforts of BIOTECH AGRONOMICS, INC. will be focused on cleanup and rectifying the problem to protect the health and safety of the public.

**Fuel Cost and Adjustment**

BIOTECH AGRONOMICS, INC. shall adjust the cost of services for each hauling event should fuel costs exceed \$4.00 per gallon. The fuel adjustment schedule will be the fixed document used for such purpose throughout the duration of this contract.

The unit price for biosolids management beneficial use services for any given removal operation will be subject to the adjustment below depending on the weekly fuel price (based on the week biosolids removal commences) determined by the United States Department of Energy’s Energy Information Administration publication of Retail Prices for the Midwest United States in the On-Highway Diesel Fuel Price Table.

Diesel Price \$/Gallon	% Increase to Contract Price
Below \$4.00	None
\$4.00 - \$4.099	1.0%
\$4.10 - \$4.199	2.0%
\$4.20 and above = 1% increase per each \$0.10 increase in price/gallon.	

(This information is available at the website <http://www.eia.doe.gov>).

(On-Highway Diesel Prices Table – Midwest Column)

**Terms**

Payment terms shall be net 30 days from the date of invoice. Overdue payments will be assessed a finance charge of 1.5% per month on the unpaid balance.

**Contract Duration**

This Agreement shall remain in full force and effect from 1/1/2020 through 12/31/2022

**Extensions**

The term of this Agreement may be extended for one (1) additional three (3) year term upon mutual agreement of both parties.

**BIOTECH AGRONOMICS, INC.**

Submitted by: Don Popma

Printed Name: Don Popma

Its: General Manager

Date: 7/2/19

**HOWELL TOWNSHIP, MICHIGAN**

Accepted By: Jean Graham

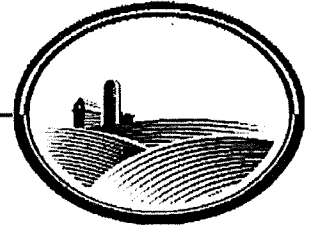
Printed Name: Jean Graham

Its: Clerk Howell Township

Date: 8-20-2019

This document is representative of a complete contract. Upon award the document can be signed by both parties to become binding.

# BioTech Agronomics, Inc.



Residual Management Company  
1651 Beulah Highway • Beulah • Michigan • 49617

September 26, 2022

## **CONTRACT FOR TESTING, REMOVAL AND LAND APPLICATION OF BIOSOLIDS FROM THE HOWELL TOWNSHIP WASTEWATER TREATMENT PLANT**

**Ms. Jean Graham, Clerk**  
**Howell Township**  
**3525 Byron Road**  
**Howell, Michigan 48855**

### **Proposal**

BIOTECH AGRONOMICS, INC. is pleased to present this proposal to define proposed work associated with the removal and land application of Biosolids generated by the Howell Township WWTP located at 1222 Packard Rd., Howell, Michigan.

### **Biosolids Loading and Transport**

BIOTECH AGRONOMICS, INC. will furnish the necessary labor and equipment to efficiently and safely provide Biosolids Management services for the Howell Township WWTP. BIOTECH AGRONOMICS, INC. will load Biosolids into transport vehicles, transport the Biosolids to EGLE and federally approved application sites, and finally to land apply the Biosolids to suitable local farmland sites. All work performed will be under Michigan Part 24, Federal 503 and local regulations.

### **Land Application of Biosolids**

BIOTECH AGRONOMICS, INC. will provide the labor and equipment to properly apply the Biosolids to suitable local application sites at agronomic rates in accordance with Michigan State University recommendations and applicable federal, state and local regulations. The Biosolids will be subsurface injected or surface applied according to a EGLE approved Residuals Management Plan using sewage sludge applicators equipped with a pressure/vacuum application system.

### **Determination of Quantity Removed**

BIOTECH AGRONOMICS, INC. shall provide the Owner/Plant Superintendent a duplicate copy of load sheets, which detail the following items:

- Date of removal
- Time the applicator loaded in the field
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### **Cost of Services**

Year 2023 - \$0.0594 per gallon for Biosolids hauling and land application.  
Standard metals & nutrients testing - \$491.00 per sample.  
Fecal coliform testing - \$500.00 per set of seven.  
Optional Tank cleaning services - \$510.00 per hour.

Year 2024 - \$0.0626 per gallon for Biosolids hauling and land application.  
Standard metals & nutrients testing - \$518.00 per sample.  
Fecal coliform testing - \$527.00 per set of seven.  
Optional Tank cleaning services - \$525.00 per hour.

Year 2025 - \$0.0660 per gallon for Biosolids hauling and land application.  
Standard metals & nutrients testing - \$546.00 per sample.  
Fecal coliform testing - \$555.00 per set of seven.  
Optional Tank cleaning services - \$535.00 per hour.

### **Good Faith**

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**Fuel Cost and Adjustment**

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**Terms**

Payment terms shall be net 30 days from the date of invoice. Overdue payments will be assessed a finance charge of 1.5% per month on the unpaid balance.

**Contract Duration**

This Agreement shall remain in full force and effect from 1/1/2023 through 12/31/2025

**Extensions**

The term of this Agreement may be extended for one (1) additional three (3) year term upon mutual agreement of both parties.

**BIOTECH AGRONOMICS, INC.**

Submitted by: Don Popma

Printed Name: Don Popma

Its: General Manager

Date: 9/26/2022

**HOWELL TOWNSHIP, MICHIGAN**

Accepted By: \_\_\_\_\_

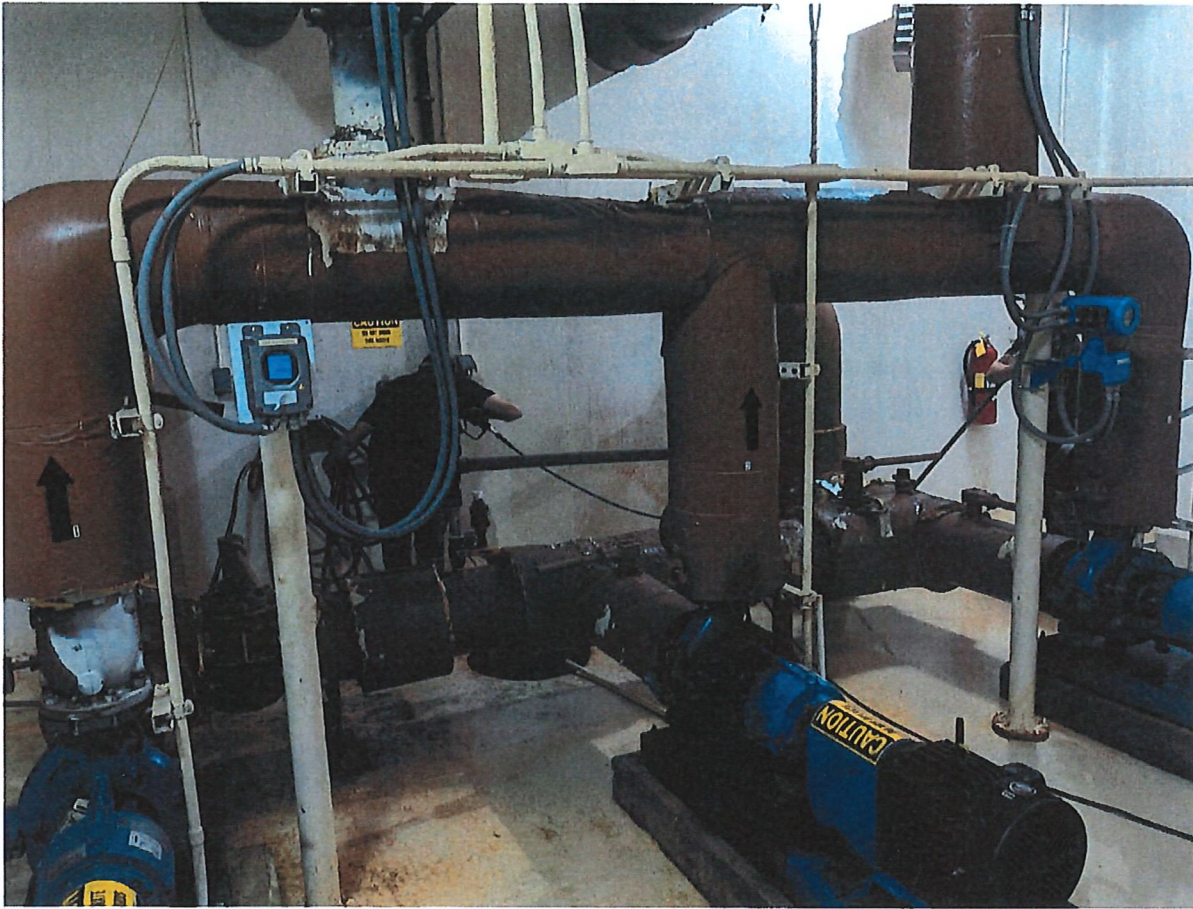
Printed Name: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

This document is representative of a complete contract. Upon award the document can be signed by both parties to become binding.

# Howell Township Monthly Wastewater Operations Report



*September 2022*

# **Howell Township Wastewater System Operations Report September 2022**

## **Table of Contents**

### **Section 1 – Plant Operation**

- Attachment 1.1 – Written Operations Summary
- Attachment 1.2 - Plant Performance Summary
- Attachment 1.3 – EGLE Discharge Monitoring Report for August 2022
- Attachment 1.4 - Process Data
- Attachment 1.5 – E-mail from EGLE regarding biosolids inspection
- Attachment 1.6 – Pictures of RAS Room Cleaning & Outfall
- Attachment 1.7 – Insurance Renewal Notes

### **Section 2 – Collection System Operation**

- Attachment 2.1 – Written Maintenance Summary
- Attachment 2.2 – Weekly Inspection Data
- Attachment 2.3 – Maintenance Initiative Summary (Manhole Inspections)
- Attachment 2.4 – MISS DIG Summary
- Attachment 2.5 – Pictures of Station 73 Driveway and SCADA Improvements

### **Section 3 – Capital Improvements**

- Attachment 3.1 –Project Cost and Status Summary

**Section 1**  
**Plant Operation**

## Howell Township Plant Operations

### Summary

Please find in this report details that describe the monthly operating characteristics and the performance of the wastewater treatment plant, as well as any other noteworthy items that occurred in August.

During the last month of operations, we treated **8.08 MG** of wastewater with no permit violations.

All of the monthly preventive maintenance was completed and is up to date at the plant.

August 29<sup>th</sup> the WWTP briefly lost power during the storms. An operator needed to come in and reset the RAS pump and the Blower for the Aeration Basin.

The air compressor for the sand filters quit working and so we are forced to bypass the filters until we get the new compressor.

### Process Summary

#### EQ Tank

- Operating North Tank
- 5 broken gate valves (repair spring 2023)

#### Influent Sampler

- Need to insulate and repair shed

#### Headworks

- Waiting on Oil Drum
- Waiting on parts for fine screen

#### FeCl<sub>2</sub> Chemical Room

- Ferric was delivered

#### Aeration Basin

- Boat needs to be repaired (called the guy that fixed it last time and he no longer in business)

#### Junction Chamber

- Design new mixing chamber

### **RAS Building & Clarifier**

- Received WesTech quote

### **Sand Filters**

- Air compressor was removed from building

### **Post Aeration**

- Nothing to report

### **UV System**

- Spicer Group Engineering is looking over submittals and working on the permit for the State of Michigan

<b>Howell Township WWTP</b>	
<b>Plant Performance</b>	<b>Aug-22</b>
<b>HT WWTP Flows</b>	
TOTAL MONTHLY EFF (MG)	7.41
TOTAL MONTHLY INF (MG)	8.08
<b>Final Effluent Monitoring</b>	
INF pH	7.03
EFF pH	7.05
INF NH3-mg/L	44.29
EFF NH3-mg/L	0.07
INF PO4-mg/L	7.72
EFF PO4-mg/L	0.10
INF TSS-mg/L	746.43
EFF TSS-mg/L	2.84
INF CBOD-mg/L	271.13
EFF CBOD-mg/L	1.06
<i>AVG.% NH3-N REMOVAL</i>	99.85%
<i>AVG.% TOTAL P REMOVAL</i>	98.64%
<i>AVG.% TSS REMOVAL</i>	99.62%
<i>AVG.% CBOD REMOVAL</i>	99.61%
<i>AVG.% OVERALL REMOVAL RATE</i>	99.43%
<b>Chemical Used</b>	
Ferric Gallons	1,175
<b>Utilities</b>	
Gas	2
Power KWH	35,360
Water Gallons	1,000
<b>Sludge Processing</b>	
Gallons Wasted	106,820
Gallons Hauled	
<b>Weather Summary</b>	
TOTAL PRECIPITATION	3.95
AVG DAILY PRECIPITATION	0.33
MAX DAILY	1.00



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY:  
 PERMITTEE NAME: **Howell Township WWTP**  
 MAILING ADDRESS: **3525 Byron Road  
 Howell, MI 48855**  
 FACILITY: **Howell Township WWTP**  
 LOCATION: **1222 Packard Drive**  
 Permit NO. **MI0055727**

**DAILY DISCHARGE MONITORING REPORT**

**Violations**  
 NO. Parameter Limit  
 Zero Violations for the month of August

PARAMETER	FLOW	SUSPENDED SOLIDS				CBOD <sub>5</sub>			AMMONIA NITROGEN			TOTAL PHOSPHORUS		TOTAL MERCURY			FECAL COLIFORM		pH MIN	pH MAX	D.O.					
		7 DAY AVG	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	mg/l	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	ng/L				7 DAY	0-1			
Dates	MGD	mg/l	lbs/day	mg/l	lbs/day	<1.0	7 DAY	daily max	<0.1	7 DAY	daily max	mg/l	lbs/day	ng/L	lbs/day	ng/L	lbs/day	ng/L	ng/L	<0.2	ng/L	GEO MEAN	daily MAX	6.5	9.0	Daily MIN
Friday, July 1, 2022	0.2454			5.2	11	1.2	2.5	0.08		0.2	0.1	0.59	1.2									8	6.88	6.88	8.0	
Saturday, July 2, 2022	0.2385			4.6	9	1.2	2.4	0.05		0.1	0.1											12	6.92	6.92	8.0	
Sunday, July 3, 2022	0.2495			6.6	14	1.2	2.5	0.16		0.3	0.3											25	6.72	6.72	7.6	
Monday, July 4, 2022	0.2106			4.8	8	1.1	1.9	0.62		1.1												40	6.82	6.82	7.4	
Tuesday, July 5, 2022	0.2466																					58	6.83	6.83	7.4	
Wednesday, July 6, 2022	0.2217																									7.4
Thursday, July 7, 2022	0.2252	4.7	9	2.2	4	1.0	2.2	1.9	0.06	0.4	0.1											22	7.24	7.24	7.6	
Friday, July 8, 2022	0.2184	5.1	10	7.2	13	1.2	2.2	0.06	0.4	0.1	0.1	0.70	1.3									23	7.04	7.04	7.2	
Saturday, July 9, 2022	0.2227	5.0	10	4.4	8	1.3	2.2	2.4	0.03	0.3	0.1											28	7.04	7.04	7.4	
Sunday, July 10, 2022	0.2415	4.4	8	3.4	7	1.5	2.3	3.0	0.08	0.3	0.2											31	6.95	6.95	7.5	
Monday, July 11, 2022	0.2123	4.0	7	2.8	5	1.5	2.4	2.7	0.01	0.1	0.0											33	6.82	6.82	7.3	
Tuesday, July 12, 2022	0.2516	4.0	7				2.4			0.1												41	6.91	6.91	7.4	
Wednesday, July 13, 2022	0.2237	4.0	7				2.4			0.1												41	7.05	7.05	7.3	
Thursday, July 14, 2022	0.2367	4.0	7	2.0	4	1.4	2.6	2.8	0.03	0.1	0.1											41	7.12	7.12	7.3	
Friday, July 15, 2022	0.2329	3.1	6	2.8	5	1.0	2.6	1.9	0.02	0.1	0.0											40	7.08	7.08	7.0	
Saturday, July 16, 2022	0.2362	2.4	5	1.0	2	0.7	2.4	1.4	0.02	0.1	0.0	0.42	0.8									27	7.01	7.01	7.2	
Sunday, July 17, 2022	0.2486	2.2	4	2.2	5	0.8	2.1	1.7	0.02	0.0	0.0											18	6.91	6.91	7.7	
Monday, July 18, 2022	0.2411	2.3	5	3.4	7	0.7	1.8	1.4	0.04	0.0	0.1											12	6.89	6.89	7.4	
Tuesday, July 19, 2022	0.1953	2.3	5				1.8			0.0												7	6.90	6.90	7.5	
Wednesday, July 20, 2022	0.2802	2.3	5				1.8			0.0												7	7.00	7.00	7.5	
Thursday, July 21, 2022	0.2658	2.2	4	1.4	3	0.8	1.6	1.8	0.12	0.1	0.3											7	7.05	7.05	7.6	
Friday, July 22, 2022	0.2443	1.9	4	1.4	3	0.8	1.6	1.6	0.03	0.1	0.1											5	7.12	7.12	7.9	
Saturday, July 23, 2022	0.2472	1.8	4	0.6	1	1.4	1.9	2.9	0.02	0.1	0.0											7	7.09	7.09	8.4	
Sunday, July 24, 2022	0.2463	1.4	3	0.2	0	0.9	1.9	1.8	0.01	0.1	0.0	0.35	0.7									6	7.10	7.10	8.5	
Monday, July 25, 2022	0.2507	1.0	2	1.2	3	0.8	2.0	1.7	0.02	0.1	0.0											5	7.10	7.10	8.5	
Tuesday, July 26, 2022	0.2477	1.0	2				2.0			0.1												4	7.12	7.12	8.6	
Wednesday, July 27, 2022	0.2516	1.0	2				2.0			0.1												4	7.45	7.45	8.7	
Thursday, July 28, 2022	0.2606	1.0	2	1.6	3	1.3	2.2	2.8	0.03	0.0	0.1											4	7.59	7.59	8.1	
Friday, July 29, 2022	0.2570	1.2	2	2.2	5	1.1	2.3	2.4	0.02	0.0	0.0											8	7.30	7.30	8.1	
Saturday, July 30, 2022	0.2251	1.5	3	2.2	4	0.7	2.0	1.3	0.02	0.0	0.0	0.35	0.7									6	7.52	7.52	8.7	
Sunday, July 31, 2022	0.2353	1.8	4	2.0	4	0.7	1.9	1.4	0.01	0.0	0.0											6	7.40	7.40	8.8	

PARAMETER FLOW SUSPENDED SOLIDS CBOD<sub>5</sub> AMMONIA NITROGEN AVG 0.48 TOTAL MERCURY PHOSPHORUS FECAL COLIFORM pH MIN pH MAX D.O.

Signature of Principal Executive Officer or Authorized Agent: James Aulette Deputy Director: James Aulette FROM TO 8/1/2022 8/31/2022

Monthly Influent Report

	WEATHER			RAW SEWAGE QUALITY										
	TEMP	PRECIP	Meter Total	TEMP	pH	cBOD <sub>5</sub>		Sus. Solids		TOTAL - P		NH <sub>3</sub> - N		
	AIR TEMP F°	Inches	INF MGD	C°	SU	mg/l	LBS	mg/l	LBS	mg/l	LBS	mg/l	LBS	
Monday, August 1, 2022	66	0.05	0.267000	22.8	6.9	251	559	376	837	7.7	17.2	44.6	99.1	
Tuesday, August 2, 2022	64	0.10	0.262800	21.1	6.9	224	490	332	727			49.1	107.5	
Wednesday, August 3, 2022	73		0.238000	22.8	6.9	357	709	628	1048			54.0	107.2	
Thursday, August 4, 2022	72	1.00	0.230400	23.3	6.9	377	724	3598	8910			47.0	90.3	
Friday, August 5, 2022	72	0.60	0.262800	24.6	6.8									
Saturday, August 6, 2022	73		0.269400	28.7	6.7									
Sunday, August 7, 2022	81		0.242600	28.0	6.7	282	571	372	753			43.0	87.0	
Monday, August 8, 2022	80		0.236000	28.2	6.8	283	555	660	1294	7.7	15.1	47.1	92.3	
Tuesday, August 9, 2022	72	0.40	0.260200	26.4	7.0	247	515	352	735			43.3	90.4	
Wednesday, August 10, 2022	80		0.265600	26.3	6.8	328	722	644	1426			60.7	112.3	
Thursday, August 11, 2022	71		0.262600	26.4	6.8	319	652	1124	2461			43.7	95.7	
Friday, August 12, 2022	69		0.265600	20.8	7.0									
Saturday, August 13, 2022	58		0.251800	20.3	7.1									
Sunday, August 14, 2022	63	0.10	0.264000	13.1	7.2	392	663	828	1823			41.8	91.6	
Monday, August 15, 2022	71		0.269400	18.9	7.1	246	530	2888	6464			40.7	86.1	
Tuesday, August 16, 2022	69		0.264800	22.4	6.9	218	463	984	2091	7.9	16.8	44.6	94.6	
Wednesday, August 17, 2022	63		0.267000	20.9	6.9	244	543	308	666			47.4	105.6	
Thursday, August 18, 2022	68		0.270100	22.5	6.9	216	484	698	1588			62.6	118.3	
Friday, August 19, 2022	60		0.261800	20.4	6.9									
Saturday, August 20, 2022	76	0.08	0.260900	21.2	6.9									
Sunday, August 21, 2022	67	0.36	0.279200	20.8	7.0	232	540	148	345			44.6	103.8	
Monday, August 22, 2022	68	0.06	0.274700	22.4	7.0	260	596	244	559			47.2	108.1	
Tuesday, August 23, 2022	64		0.270100	21.9	7.0	216	442	296	667			44.6	100.6	
Wednesday, August 24, 2022	68		0.273100	24.6	7.0	245	558	268	610	6.8	15.5	44.3	100.9	
Thursday, August 25, 2022	70		0.270100	23.3	6.9	272	613	308	694			38.6	86.7	
Friday, August 26, 2022	64	0.26	0.267000	19.7	7.0									
Saturday, August 27, 2022	55		0.274700	18.6	9.3									
Sunday, August 28, 2022	73		0.291400	21.2	7.0	244	593	688	1623			36.0	87.5	
Monday, August 29, 2022	72	0.70	0.267000	22.9	7.0	219	488	662	1229			33.2	73.9	
Tuesday, August 30, 2022	70	0.30	0.233600	21.6	7.2	243	473	676	1316	8.6	18.8	39.3	76.5	
Wednesday, August 31, 2022	63		0.267900	21.4	7.2	186	400	220	473			42.0	90.3	
TL		3.95	8.08											
AVG	68.87	0.33	0.26	22.4	7.03	271.1	586.2	746.4	1579.9	7.7	16.2	44.3	96.0	

Process Data Report

DATE	Process Testing					Ferric		Clarifier Sludge Blanket	Wastings	RAS	Sludge Tanks			UTILITIES			Generator
	PO4 COMP	NH3 COMP	D.O.	Mixed Liquor	Settling	Daily Inches	Gallons	ft	GPD	GPD	1	2	3	GAS METER	KWH * 100	WATER * 1000	Hours
Friday, July 1, 2022	1.61		7	4230	250	4	32	1.0					2.00	8,808	22727	13356	
Tuesday, August 2, 2022	1.64		8.2			5	40.5	0.5	4,578				2.00	8,808	22734	13356	
Wednesday, August 3, 2022	2.04		7.8			4	32.4	0.3					2.00	8,808	22741	13356	
Thursday, August 4, 2022	2.18	0.50	8.2			4	32.4	0.8	4,578				2.00	8,808	22747	13356	
Friday, August 5, 2022	1.98		8.2	4510		4	32.4	1.0	4,578				2.00	8,808	22755	13356	
Saturday, August 6, 2022	1.85		8.1			6	48.6	0.8	4,578				1.50	8,808	22762	13356	
Sunday, August 7, 2022	1.80		8.6			5	40.5	0.3	1,526				1.50	8,808	22770	13356	
Monday, August 8, 2022	1.87	0.25	9.4	4150		4.5	38.45	1.0	4,578			8.00	1.50	8,808	22777	13356	
Tuesday, August 9, 2022	1.92		8.5			4.5	38.45	1.3	3,052			8.00	2.00	8,808	22783	13356	
Wednesday, August 10, 2022	1.80		8.8			4.5	38.45	1.0	3,052			8.00	2.00	8,808	22790	13356	
Thursday, August 11, 2022	1.51		8.9			4.5	38.45	2.0	3,052			8.00	2.00	8,808	22799	13356	
Friday, August 12, 2022	1.45		8.5	4200		4.5	38.45	0.3	3,052			8.00	2.00	8,810	22807	13356	
Saturday, August 13, 2022	1.29		8.2			4.5	38.45	0.5	4,578			7.50	2.00	8,810	22813	13356	
Sunday, August 14, 2022	1.30		8.8			4.5	38.45	1.0	4,578			7.00	2.00	8,810	22821	13356	
Monday, August 15, 2022	1.25		8.8	4280		4.5	38.45	1.3				6.50	2.00	8,810	22830	13356	
Tuesday, August 16, 2022	1.04		8.8			4.5	38.45	1.0	6,104			6.50	2.00	8,810	22837	13356	
Wednesday, August 17, 2022	1.34		8	4180		4.5	38.45	1.5	4,578			6.50	2.00	8,810	22844	13356	
Thursday, August 18, 2022	1.30		8.4		220	4.5	38.45	1.0	4,578			6.00	2.00	8,810	22852	13356	
Friday, August 19, 2022	1.25		8.71	4270		4.5	38.45	1.3	4,578			6.00	2.00	8,810	22859	13356	
Saturday, August 20, 2022	1.40		7.9		220	4.5	38.45	0.8				6.00	4.00	8,810	22861	13357	
Sunday, August 21, 2022	1.14		7.3			4.5	38.45	1.0	7,630			6.00	4.00	8,810	2287	13357	
Monday, August 22, 2022	1.06	0.03	7.3	4320		5	40.5	0.5	3,052			6.00	4.00	8,810	22881	13357	
Tuesday, August 23, 2022	1.04	0.03	7.7	4030		5	40.5	1.0	4,578			5.50	4.00	8,810	22888	13357	
Wednesday, August 24, 2022	0.98	0.02	7.8			5	40.5	0.5	4,578			5.50	4.00	8,810	22896	13357	
Thursday, August 25, 2022	0.78	0.02	8	4070	280	5	40.5	0.8	3,052			5.50	4.00	8,810	22903	13357	
Friday, August 26, 2022	1.11	0.02	8			5	40.5	0.5	3,052			5.50	3.00	8,810	22910	13357	
Saturday, August 27, 2022	1.70	0.02	8			5	40.5	0.5	3,052			5.50	3.00	8,810	22916	13357	
Sunday, August 28, 2022	0.97	0.02	7.9		200	4	32.4	1.0	3,052			5.50	3.00	8,810	22925	13357	
Monday, August 29, 2022	0.97	0.02	8	3990		6	48.6	0.8	3,052			5.50	3.00	8,810	22932	13357	
Tuesday, August 30, 2022	0.85	0.02	7			5	40.5	0.8	3,052			5.50	3.00	8,810	22940	13357	
Wednesday, August 31, 2022	0.88	0.02	8.8			5	40.5	0.8	3,052			5.50	3.00	8,810	22948	13357	
AVG	1.39	0.08	8.11	4203	230	4.88	38	1	3,958					2			
Total						145	1,175	28	104,820						35,380	1,000	

**Greg Tatara**

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**From:** Mathews, Spencer (EGLE) <MathewsS4@michigan.gov>  
**Sent:** Monday, August 29, 2022 5:05 PM  
**To:** Jim Aulette  
**Cc:** Greg Tatara  
**Subject:** Recent Biosolids Inspection  
**Attachments:** Howell Twp Biosolids Inspection Report.pdf

Good afternoon Jim,

On August 10, 2022, staff of the Michigan Department of Environmental, Great Lakes, and Energy (EGLE), Water Resources Division (WRD), Field Operation Section (FOS), conducted a Biosolids Facility Inspection at the Howell Township (Twp) Wastewater Treatment Plant (WWTP) to assess compliance with the Michigan Part 24 Administrative Rules of Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act (NREPA).

These assessments included a review of biosolids files, including the Biosolids Annual Report, Residuals Management Program (RMP), and past and current biosolids analytical results to ensure the disposal safety and verify the quality of biosolids which are processed, produced and land applied by this facility. A tour of the plant was included.

During the visit by WRD staff, Jim Aulette (superintendent) and Greg Tartara (Utility Director), provided all the necessary information and diligently answered all inspection questions. Specifically, the following items were discussed:

1. The timeline of upgrades made to the plant by Genoa-Oceola staff, which recently acquired approval for around \$300,000 to perform upgrades to the Howell Twp WWTP. Upgrades may include fixing of one of the current primary clarifiers that is broken, replacement of outdated ultraviolet (UV) disinfection system, and fix broken grit removal system.
2. The last time biosolids were hauled from Howell Twp WWTP was earlier this year by the facility's land application contractor, Biotech.
3. The future of land application of biosolids from Howell Twp is tentative due to new management. Currently, Genoa-Oceola staff expect that they will receive a second gravity belt press at their own Genoa-Oceola WWTP around February 2023. This gravity press is meant to accommodate hauling the biosolids from Howell Twp WWTP to Genoa-Oceola WWTP to dewater and landfill all solids. Genoa-Oceola staff expect to haul biosolids intended for land application one last time spring of 2023 before implementation of the landfilling process.
  - a. It should be noted that changes to the facility's current RMP should be taken into consideration while making changes to solids management and WRD staff should be notified to approve any changes made to the facility's current RMP if necessary.

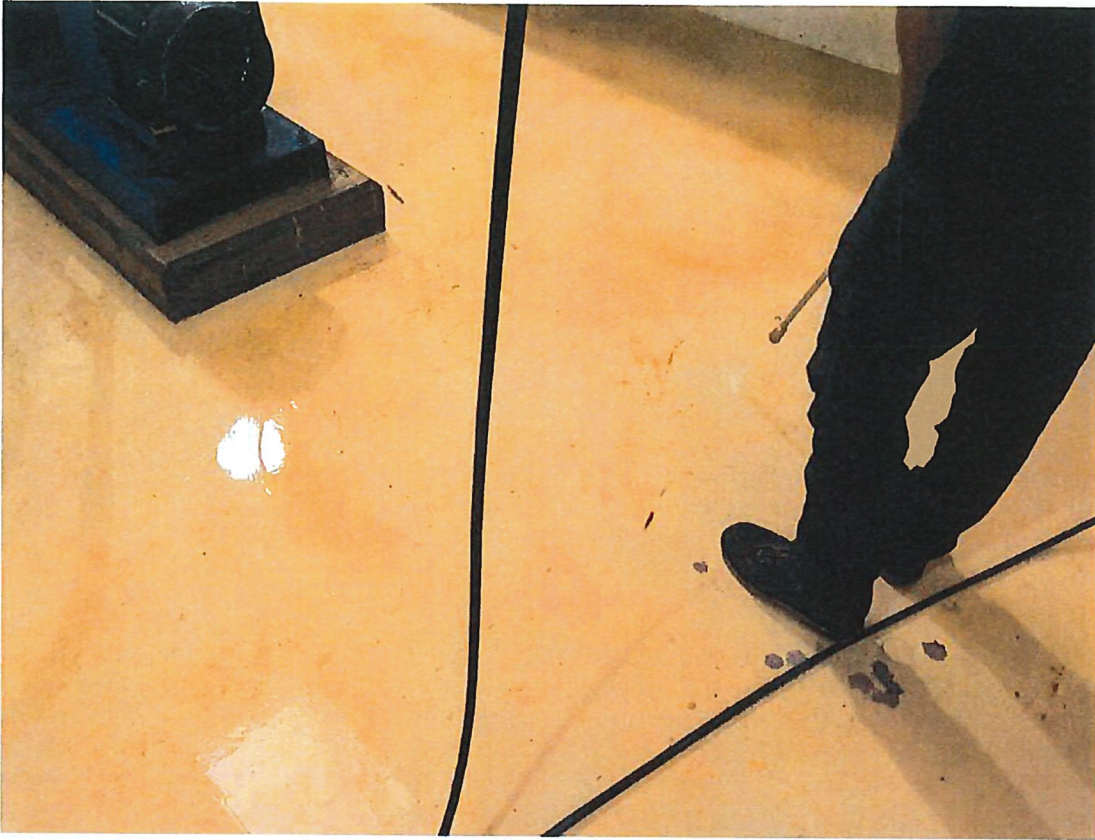
Based on the material reviewed during the inspection, it appears that Howell Twp WWTP is currently in compliance with Part 24 rules.

If there are any questions or comments, please feel free to contact me. Results will be attached to this email and posted to MiWaters for your review if you wish. Thank you for your continued cooperation with Michigan's Part 24 Rules.

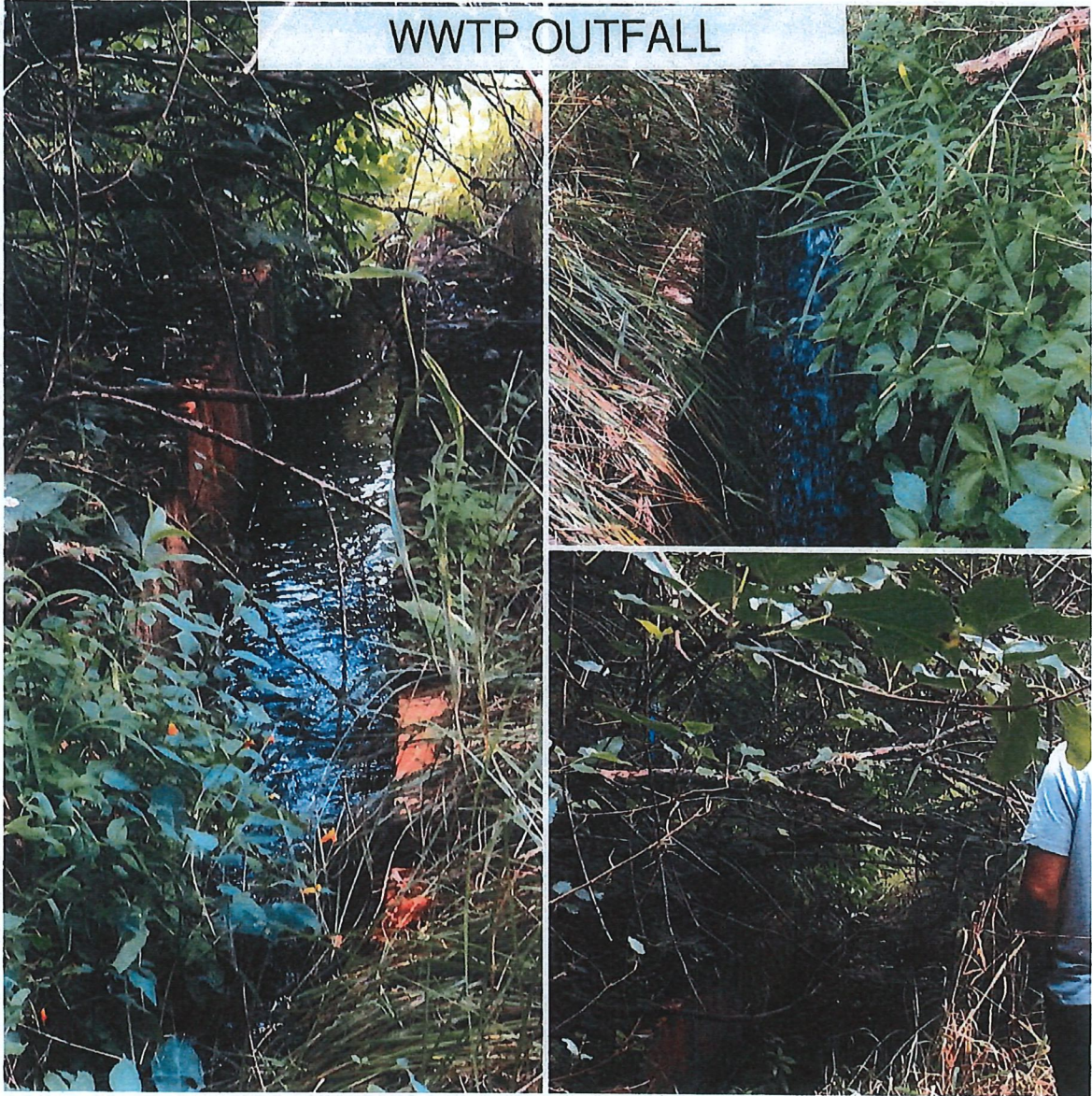
Sincerely,

**Spencer Mathews, EQA**

EGLE/WRD/Biosolids - Covering the Lansing and Jackson districts  
 517-230-9665 | [MathewsS4@Michigan.gov](mailto:MathewsS4@Michigan.gov)



WWTP OUTFALL





Howell Township WWTP Outfall





Howell Township WWTP Outfall



Howell Township WWTP Outfall



Notes:

\$100,000 For Sewer Back-up  
Will Defend

Agree on Initial Clean Howell Township As Of 12/01/2022  
Policy

Schedule Appraisal  
By 9-28

1.7

Property Schedule

<u>Loc #</u>	<u>Bldg #</u>	<u>Address</u>	<u>Description</u>	<u>Building Limit</u>	<u>Contents Limit</u>
1	1	3525 Byron Rd	Administrative Offices	\$ 1,424,918	\$ 103,205
1	2	3525 Byron Rd	Storage Building	26,273	-
<del>3</del>	<del>1</del>	<del>1222 Packard Dr</del>	<del>Wwtp Admin</del>	<del>849,999</del>	<del>57,679</del>
3	2	1222 Packard Dr	Concrete Septage Rcv	206,060	-
3	3	1222 Packard Dr	Ras Bldg	180,303	-
3	4	1222 Packard Dr	Sand Filters	309,090	-
3	5	1222 Packard Dr	Selector Basin	540,909	-
3	6	1222 Packard Dr	Uv Channel	365,757	-
3	7	1222 Packard Dr	Sludge Storage	1,236,361	-
3	8	1222 Packard Dr	Aeration Basin	916,968	-
3	9	1222 Packard Dr	Blower Bldg	566,666	-
3	10	1222 Packard Dr	Clarifiers	922,120	-
3	11	1222 Packard Dr	Headworks Bldg	875,756	-
3	12	1222 Packard Dr	Post Aeration Basin	139,091	-
4	1	Trans West Industrial Park	Lift Station	334,848	-
5	1	Burkhart Rd	Lift Station	283,333	-
6	1	Lambert Rd	Lift Station	334,848	-
7	1	Grand River Rd	Lift Station	283,333	-
8	1	2571 Oak Grove Rd	Lift Station	334,848	-
9	1	3888 Oak Grove Rd	Lift Station	334,848	-
10	1	271 E. Highland Rd	Lift Station	283,333	-
11	1	391 N. Burkhart Rd	Lift Station	334,848	-
12	1	2700 Tooley	Lift Station	334,848	-

+ Pole Barn

Vehicle Schedule

<u>Year</u>	<u>Type</u>	<u>Description</u>	<u>VIN#</u>	<u>Vehicle Limit</u>
		NO OWNED VEHICLES		

Inland Marine Schedule

<u>Description</u>	<u>Item Limit</u>
Miscellaneous Equipment	\$ 125,200
<u>Scheduled Equipment (items over \$25,000)</u>	
Chain Link 9000 L.F W/ Barb Wire	130,000
Cummins #99 Generator W/Auto Ctl	55,000
Kohler Portable Generator	38,000

+ Pump Around

Additional Insureds

<u>Entity</u>	<u>Interest</u>
Csx Transportation, Inc.	Howell Twp. Undertook Sewer District, Sad #11
Livingston County	Use Of County Building At 1911 Tooley Rd, Howell, Mi 48843

**Section 2**  
**Collection System Operation**

## Howell Township Pump Stations

### Summary

All Pump Stations were checked on a weekly schedule for the month of August. Moving forward we will be checking Pump Stations ever Monday and Thursday until we have an alarm system we can trust to call out. We have had numerous talks with Kennedy about this and they were onsite September 13<sup>th</sup> to evaluate each station.

The resident at 2426 Fisher Rd. called the emergency service with a sewer back up on September 8<sup>th</sup>. This was due to Pump Station 75 losing power to the PLC. This caused the pumps to stop working along with the alarm system. We were able to restore power and get the pumps working.

#### PS-70 (Trans West)

- Weekly Station Checks / Manually Exercise Generator
- Manually Exercise Generator on Mondays

#### PS-71 (Burkhart North)

- Weekly Station Checks
- **Rehab project is scheduled for October 3<sup>rd</sup>**
- **Power Outage August 29<sup>th</sup> - September 3<sup>rd</sup>**

#### PS-72 (Burkhart South)

- Weekly Station Checks
- **Power Outage August 29<sup>th</sup> - September 3<sup>rd</sup>**

#### PS-73 (Lambert)

- Weekly Station Checks / Manually Exercise Generator
- Transfer Switch is Bad (waiting on quotes)
- **Put in access driveway and cleaned station**

#### PS-74 (Tooley)

- Weekly Station Checks

#### PS-75 (South Oak Grove)

- Weekly Station Checks
- **Kennedy changed alarm system to call out if PLC drops power**

**PS-76 (North Oak Grove)**

- Weekly Station Checks
- Waiting on New Soft Start (Oct. 1<sup>st</sup>)

**PS-77 (Operator School)**

- Weekly Station Checks

**PS-78 (Grand River)**

- Weekly Station Checks
- **Power Outage August 29<sup>th</sup>- September 1st**

Howell Township  
Pump Station 70  
September 19, 2022

Date	Time	Initials	Pump 1	Pump 2	KWH	Generator Hours	Fuel/Gas Read	Hours #1	Hours #2	Hours #3	Hours #4	Hours #5	Hours #6	Hours #7	Hours #8	KWH Net	Generator Net	Fuel/Gas Net	Comments	
6/28/2022	12:50 PM	bc	4479.7	4220.0	21127	444	80													
7/5/2022	8:35 AM	db	4494.3	4234.5	21448	444	80	14.6	14.5	163.8	6.8	2.140	2.125	321.0	0.0	0.0				
7/11/2022	9:00 AM	jr	4507.5	4247.5	21729	444	80	13.2	13.0	144.4	6.0	2.194	2.160	281.0	0.0	0.0				
7/19/2022	9:10 AM	ds	4525.6	4265.3	22107	444	80	18.1	17.8	192.2	8.0	2.261	2.223	378.0	0.0	0.0				
7/26/2022	9:12 AM	sl	4541.9	4281.4	22441	444	80	16.3	16.1	168.0	7.0	2.328	2.300	334.0	0.0	0.0				
8/1/2022	9:35 AM	db	4555.7	4294.9	22728	444	80	13.8	13.5	144.4	6.0	2.294	2.244	287.0	0.0	0.0				
8/8/2022	11:10 AM	bc	4573.1	4312.0	23077	444	80	17.4	17.1	169.6	7.1	2.463	2.420	349.0	0.0	0.0				
8/15/2022	9:05 AM	jr	4588.9	4327.8	23414	445	80	15.8	15.8	165.9	6.9	2.285	2.285	337.0	0.2	0.0				
8/22/2022	9:15 AM	bo	4604.9	4343.6	23748	445	75	16.0	15.8	166.2	7.0	2.283	2.255	334.0	0.3	-5.0				
8/29/2022	9:48 AM	sl	4620.8	4359.3	24082	445	1	15.9	15.7	168.6	7.0	2.264	2.236	334.0	0.1	-74.0				
9/6/2022	9:10 AM	db	4638.1	4376.5	24455	445	75	17.3	17.2	191.4	8.0	2.170	2.157	373.0	0.2	74.0				
9/12/2022	9:10 AM	bo	4651.6	4389.9	24746	445	75	13.5	13.4	144.0	6.0	2.250	2.233	291.0	0.0	0.0				
9/15/2022	1:30 PM	ds	4658.7	4396.9	24902	445	75	7.1	7.0	76.3	3.2	2.232	2.201	156.0	0.3	0.0				
9/19/2022	9:10 AM	sl	4667.1	4405.4	25085	445	90	8.4	8.5	91.7	3.8	2.199	2.225	183.0	0.0	15.0				Ran Generator in Hand

Howell Township  
Pump Station 71  
September 19, 2022

Date	Time	Initials	Pump 1	Pump 2	KWH	Hours #1	Hours #2	HOURS SINCE LAST CHECK IN	# OF DAYS	AVG RUNTIME / DAY PUMP 1	AVG RUNTIME / DAY PUMP 2	KWH Net	Comments
6/28/2022	9:50 AM	bc	5531.6	411.1	53613								
7/5/2022	9:50 AM	db	5534.5	414.0	53791	2.9	2.9	168.0	7.0	0.414	0.414	178.0	
7/11/2022	9:25 AM	jr	5536.8	416.8	53946	2.3	2.8	143.6	6.0	0.384	0.468	155.0	
7/19/2022	9:25 AM	ds	5540.1	420.2	54154	3.3	3.4	192.0	8.0	0.413	0.425	208.0	
7/26/2022	8:40 AM	sl	5543.0	423.2	54332	2.9	3.0	167.3	7.0	0.416	0.430	178.0	
8/1/2022	8:40 AM	db	5545.5	425.8	54487	2.6	2.6	144.0	6.0	0.417	0.433	155.0	
8/8/2022	11:35 AM	bc	5553.2	434.1	54679	7.7	8.3	170.9	7.1	1.081	1.165	192.0	
8/15/2022	9:20 AM	jr	5556.1	437.1	54859	2.9	3.0	165.8	6.9	0.420	0.434	180.0	
8/22/2022	9:40 AM	bo	5559.0	440.2	55042	2.9	3.1	168.3	7.0	0.413	0.442	183.0	
8/29/2022	9:15 AM	sl	5562.0	443.2	55224	3.0	3.0	167.6	7.0	0.430	0.430	182.0	
9/6/2022	8:35 AM	db	5567.3	443.9	55334	5.3	0.7	191.3	8.0	0.665	0.088	110.0	
9/12/2022	9:45 AM	bo	5572.4	443.9	55490	5.1	0.0	145.2	6.0	0.843	0.000	156.0	Alam 2 lit up on controller,reset it but floats ran fine. pump 2 no run hours
	12:50 PM	ds	5574.9	443.9	55667								
9/19/2022	9:50 AM	sl	5578.1	443.9	55664	3.2	0.0	1040661.0	43360.9	0.000	0.000	97.0	Pump 2 No Run Hours



Howell Township  
 Pump Station 72  
 September 19, 2022

Date	Time	Initials	Pump 1	Pump 2	KWH	Generator Hours	Fuel/Gas Read	Hours #1	Hours #2	1500 PSI MAX PRESSURE	# OF DAYS	410 BLASTING DAY PUMP 1	410 BLASTING DAY PUMP 2	KWH Net	Generator Net	Fuel/Gas Net	Comments
6/28/2022	10:15 AM	bc	508.6	1393.3	52662	1008	598								#VALUE!	#VALUE!	
7/5/2022	10:15 AM	db	510.9	1399.4	52770	1008	599	2.3	6.1	168.0	7.0	0.329	0.871	108.0	0.5	1.0	pump 2 3.8 hours higher
7/11/2022	9:30 AM	jr	512.8	1404.8	52861	1008	599	1.9	5.4	143.3	6.0	0.318	0.905	91.0	0.0	0.0	
7/19/2022	9:55 AM	ds	515.6	1412.3	52984	1009	602	2.7	7.5	192.4	8.0	0.337	0.935	123.0	0.7	3.0	
7/26/2022	8:50 AM	sl	516.1	1419.5	53162	1009	603	2.6	7.2	166.9	7.0	0.374	1.035	178.0	0.4	1.0	
8/1/2022	8:50 AM	db	520.2	1425.8	53322	1009	603	2.1	6.3	144.0	6.0	0.350	1.050	160.0	0.0	0.0	
8/8/2022	11:45 AM	bc	522.7	1433.5	53500	1010	604	2.5	7.7	170.9	7.1	0.351	1.081	178.0	0.4	1.0	pump 2 5.2 hours higher
8/15/2022	9:34 AM	jr	525.7	1441.3	53688	1010	604	3.0	7.8	165.8	6.9	0.434	1.129	188.0	0.3	0.0	
8/22/2022	10:00 AM	bo	527.5	1449.4	53844	1034	672	1.8	8.1	168.4	7.0	0.256	1.154	156.0	24.4	68.0	
8/29/2022	9:00 AM	sl	529.9	1456.3	54020	1035	673	2.4	6.9	167.0	7.0	0.345	0.992	176.0	0.3	1.0	2 / 4.5 higher
9/5/2022	8:50 AM	db	531.8	1462.7	54123	1132	942	1.9	6.4	191.8	8.0	0.238	0.801	103.0	97.6	269.0	
9/12/2022	10:10 AM	bo	533.8	1468.7	54280	1132	942	2.0	6.0	145.3	6.1	0.330	0.991	157.0	0.0	0.0	pump 2-4hrs higher. float on far right does nothing
9/15/2022	1:07 PM	ds	534.8	1469.7	54357	1133	943	1.0	1.0	75.0	3.1	0.320	0.320	77.0	0.3	1.0	
9/19/2022	10:06 AM	sl	535.5	1470.4	54444	1133	943	0.7	0.7	93.0	3.9	0.181	0.181	87.0	0.0	0.0	Adjusted VFD on 9-15-22, equal now

Howell Township  
Pump Station 23  
September 19, 2022

Date	Time	Initials	Pump 1	Pump 2	Pump 3	KWH	Generator Hours	Fuel/Gas Road	Hours #1	Hours #2	Hours #3	DATA MISSING (SEE COMMENTS)	Flow (GPM)	APR Metered (Lit Pump 1)	APR Metered (Lit Pump 2)	APR Metered (Lit Pump 3)	KWH Net	Generator Net	Fuel/Gas Net	Comments	
6/28/2022	10:40 AM	bo	2256.7	2256.7	2729.6	2760	481	70													
7/5/2022	2:40 PM	db	2256.7	2256.7	2737.1	2766	482	70	0.0	0.0	7.5	172.0	7.2	0.000	0.000	1.047	6.0	0.8	0.0	only pump 3 running?	
7/11/2022	10:00 AM	jr	2256.7	4.3	2740.6	2772	482	70	0.0	-2252.4	3.5	139.3	5.8	0.000	-587.973	0.603	6.0	0.0	0.0		
7/19/2022	8:40 AM	ds	2256.7	14.1	2748.6	2778	483	70	0.0	9.8	8.0	190.7	7.9	0.000	1.234	1.007	6.0	1.1	0.0		
7/28/2022	9:40 AM	sl	2256.7	22.9	2755.2	2783	536		0.0	8.8	6.6	189.0	7.0	0.000	1.250	0.937	5.0	53.0	-70.0		
8/1/2022	10:05 AM	db	2256.7	31.0	6.4	2789	536	60	0.0	8.1	-2748.8	144.4	6.0	0.000	1.348	-458.812	6.0	0.1	60.0		
8/8/2022	10:20 AM	bc	2256.7	41.3	16.6	2795	536	60	0.0	10.3	10.2	168.2	7.0	0.000	1.469	1.455	6.0	0.0	0.0		
8/15/2022	10:10 AM	jr	2256.7	49.8	25.2	2800	536	60	0.0	8.5	8.6	167.8	7.0	0.000	1.215	1.230	5.0	0.0	0.0		
8/22/2022	10:20 AM	bo		58.9	34.2	2806	536	60	-2256.7	9.1	9.0	168.2	7.0	-322.066	1.299	1.284	6.0	0.0	0.0		
8/29/2022	9:30 AM	sl		68.2	43.5	2812	536	60	0.0	9.3	9.3	167.2	7.0	0.000	1.335	1.335	6.0	-0.2	0.0		
9/6/2022	9:50 AM	db		78.4	53.6	2818	536	60	0.0	10.2	10.1	192.3	8.0	0.000	1.273	1.260	6.0	0.0	0.0		
9/12/2022	10:30 AM	bo		85.8	60.8	2823	536	60	0.0	7.2	7.2	144.7	6.0	0.000	1.194	1.194	5.0	0.2	0.0	Run Generator In Hand	
9/15/2022	11:45 AM	ds		89.3	63.8	2825	536	60	0.0	3.7	3.0	73.3	3.1	0.000	1.212	0.983	2.0	0.0	0.0		
9/19/2022	9:25 AM	sl		93.7	67.7	2827	536	60	0.0	4.4	3.9	93.7	3.9	0.000	1.127	0.999	2.0	0.0	0.0	VFD on Pump 1 Bad, Pump Is Off, Not Needed	

Howell Township  
 Pump Station 74  
 September 19, 2022

Date	Time	Initials	Pump 1	Pump 2	KWH	Generator Hours	Fuel/Gas Read	Hours #1	Hours #2	WATER SHUT OFF PUMP 1	WATER SHUT OFF PUMP 2	AVG FLOWRATE / GALL PUMP 1	AVG FLOWRATE / GALL PUMP 2	KWH Net	Generator Net	Fuel/Gas Net	Comments	
6/28/2022	11:10 AM	bc	177.6	177.6	0	1439	80											pump 1 turned off leaking
7/5/2022	2:15 PM	db	179.6	178.8	0	1440	80	1.8	1.2	171.1	7.1	0.253	0.168	0.0	0.8	0.0		
7/11/2022	10:22 AM	jr			0	1440	80	-179.6	-178.8	140.1	5.8	-30.763	-30.826	0.0	-0.1	0.0		
7/18/2022	8:26 AM	ds	5.2	8.4	0	1442	80	5.2	8.4	1039160.4	43298.4	0.000	0.000	0.0	1442.0	80.0		replaced nonworking plc, die meter not working
7/26/2022	10:32 AM	sl	6.0	9.3		1443	77	0.8	0.9	194.1	8.1	0.099	0.111	0.0	0.5	-3.0		
8/1/2022	1:26 PM	db	0.6	0.6		1443	77	-5.4	-8.7	146.9	6.1	-0.892	-1.422	0.0	0.8	0.0		
8/8/2022	9:45 AM	bc	1.7	1.8		1444	77	1.1	1.2	164.3	6.8	0.161	0.175	0.0	0.8	0.0		
8/15/2022	10:30 AM	jr	2.7	2.9		1444	77	1.0	1.1	168.8	7.0	0.142	0.156	0.0	-0.1	0.0		
8/22/2022	10:45 AM	bo	3.7	4.0		1620	65	1.0	1.1	168.2	7.0	0.143	0.157	0.0	75.8	-12.0		
8/29/2022	10:10 AM	sl	4.7	5.1		1621	1	1.0	1.1	167.4	7.0	0.143	0.158	0.0	0.8	-64.3		
9/6/2022	10:15 AM	db	5.7	6.3		1541	70	1.0	1.2	192.1	8.0	0.125	0.150	0.0	20.5	69.3		
9/12/2022	11:15 AM	bo	6.6	7.2		1542	70	0.9	0.9	145.0	6.0	0.149	0.149	0.0	0.9	0.0		
9/15/2022	11:20 AM	ds	7.0	7.7		1543	70	0.4	0.5	72.1	3.0	0.133	0.166	0.0	0.8	0.0		
9/19/2022	10:39 AM	sl	7.6	8.3		1543	70	0.6	0.6	95.3	4.0	0.151	0.151	0.0	0.0	0.0		No Gen Run, Weekend only. Still waiting on DTE Contact DTE Again

Howell Township  
Pump Station 75  
September 19, 2022

Date	Time	Initials	Pump 1	Pump 2	KWH	Generator Hours	Fuel/Gas Read	Hours #1	Hours #2	Hours Total (Page #)	# of Days	AVG FLOWRATE DAY PUMP 1	AVG FLOWRATE DAY PUMP 2	KWH Net	Generator Net	Fuel/Gas Net	Comments	
6/28/2022	1:40 PM	bc	518.4	2304.0	2086	779	3375											
7/5/2022	1:20 PM	db	518.5	2311.4	2091	780	3378	0.1	7.4	167.7	7.0	0.014	1.059	5.0	0.3	3.0		
7/11/2022	11:05 AM	jr	520.8	2316.0	2099	780	3380	2.3	4.6	141.8	5.9	0.389	0.779	8.0	0.5	2.0		
7/19/2022	8:10 AM	ds	524.8	2320.3	2109	780	3380	4.0	4.3	189.1	7.9	0.508	0.546	10.0	0.3	0.0		
7/26/2022	11:37 AM	sl	528.7	2324.1	2118	781	3385	3.9	3.8	171.4	7.1	0.546	0.532	9.0	0.4	5.0		
8/1/2022	1:05 PM	db	532.0	2327.4	2127	781	3385	3.3	3.3	145.5	6.1	0.544	0.544	9.0	0.0	0.0		
8/8/2022	9:05 AM	bc	535.8	2331.4	2136	781	3388	3.8	4.0	164.0	6.8	0.556	0.585	9.0	0.4	3.0		
8/15/2022	10:45 AM	jr	541.0	2336.3	2146	782	3391	5.2	4.9	169.7	7.1	0.736	0.693	10.0	0.4	3.0		
8/22/2022	11:20 AM	bo	545.8	2342.1	2156	782	3393	4.8	5.8	168.6	7.0	0.683	0.826	10.0	0.4	2.0		
8/29/2022	10:57 AM	sl	551.0	2347.5	2166	782	3396	5.2	5.4	167.6	7.0	0.745	0.773	10.0	0.4	3.0		
9/6/2022	11:00 AM	db	558.3	2351.0	2176	803	3528	7.3	3.5	192.0	8.0	0.912	0.437	10.0	20.4	132.0		
9/12/2022	1:30 PM	bo	561.4	2353.2	2184	803	3530	3.1	2.2	146.5	6.1	0.508	0.360	8.0	0.2	2.0		
9/15/2022	11:00 AM	ds	563.0	2354.3	2188	803	3532	1.6	1.1	69.5	2.9	0.553	0.380	4.0	0.4	2.0		
9/19/2022	11:22 AM	sl	565.4	2355.9	2193	803	3532	2.4	1.6	96.4	4.0	0.598	0.398	5.0	0.0	0.0	No Gen Run, Weekend Only, Pump 2 Slower Since Poweroutage	

Howell Township  
Pump Station 76  
September 19, 2022

Date	Time	Initials	Pump 1	Pump 2	KWH	Generator Hours	Fuel/Gas Read	Hours #1	Hours #2	WATER TANK (GALLONS)	POP DATA	475 RUNTIME / DAY PUMP 1	475 RUNTIME / DAY PUMP 2	KWH Net	Generator Net	Fuel/Gas Net	Comments	
6/28/2022	1:15 PM	bc	2779.6	2236.8	79817	474	50											
7/5/2022	1:40 PM	db	2787.9	2236.8	79913	474	50	8.3	0.0	168.4	7.0	1.183	0.000	96.0	0.0	0.0		
7/11/2022	10:55 AM	jr	2795.9	2236.8	79997	474	50	8.0	0.0	141.2	5.9	1.359	0.000	84.0	0.0	0.0		
7/18/2022	8:45 AM	ds	2805.7	2236.8	80139	474	50	9.8	0.0	165.8	6.9	1.418	0.000	142.0	0.0	0.0		
7/26/2022	12:45 PM	sl	2816.4	2236.8	80327	474	50	10.7	0.0	196.0	8.2	1.310	0.000	188.0	0.1	0.0		
8/1/2022	12:45 PM	db	2823.6	2236.8	80462	474	50	7.2	0.0	144.0	6.0	1.200	0.000	135.0	0.1	0.0		
8/8/2022	8:35 AM	bc	2831.3	2236.8	80605	475	50	7.7	0.0	163.8	6.8	1.128	0.000	143.0	0.7	0.0		
8/15/2022	10:50 AM	jr	2839.4	2237.2	80774	476	50	8.1	0.4	170.3	7.1	1.142	0.058	169.0	0.4	0.0		
8/22/2022	11:10 AM	bo	2848.0	2237.2	80935	476	55	8.6	0.0	168.3	7.0	1.226	0.000	161.0	0.2	5.0		
8/29/2022	10:43 AM	sl	2856.6	2237.2	81095	476	90	8.6	0.0	167.5	7.0	1.232	0.000	160.0	0.4	35.0		
9/6/2022	10:45 AM	db	2865.8	2237.2	81261	497	90	9.2	0.0	192.0	8.0	1.150	0.000	166.0	20.5	0.0		
9/12/2022	1:00 PM	bo	2873.2	2237.2	81406	497	90	7.4	0.0	146.3	6.1	1.214	0.000	145.0	0.3	0.0	only 1 float to kick on pumps is working (middle float). floats to the right not working	
9/15/2022	10:30 AM	ds	2878.4	2237.2	81478	497	90	3.2	0.0	69.5	2.9	1.105	0.000	72.0	0.4	0.0		
9/19/2022	11:12 AM	sl	2881.5	2237.2	81572	497	90	5.1	0.0	96.7	4.0	1.266	0.000	94.0	0.0	0.0	Still waiting on motor soft start for pump 2	

Howell Township  
Pump Station 77  
September 19, 2022


Time	Initials	Pump 1	Pump 2	KWH	Generator Hours	Fuel/Gas Read	Hours #1	Hours #2	HOOPS VALUE LAST CHECK IN	KWH DAYS	AVG RUNTIME / DAY PUMP 1	AVG RUNTIME / DAY PUMP 2	KWH Net	Generator Net	Fuel/Gas Net	Comments
2:15 PM	bc	349.2	509.5	14860										#VALUE!	#VALUE!	
1:00 PM	db	349.6	509.8	14895			0.4	0.3	166.7	6.9	0.058	0.043	35.0	0.0	0.0	
12:30 PM	jr	349.6	510.2	14924			0.0	0.4	143.5	6.0	0.000	0.067	29.0	0.0	0.0	
8:30 AM	ds	350.0	510.6	14959			0.4	0.4	164.0	6.8	0.059	0.059	35.0	0.0	0.0	
11:57 AM	sl	351.1	511.3	15003			1.1	0.7	195.5	8.1	0.135	0.086	44.0	0.0	0.0	
12:30 PM	db	352.0	511.8	15034			0.9	0.5	144.6	6.0	0.149	0.083	31.0	0.0	0.0	
9:25 AM	bc	352.8	512.2	15071			0.8	0.4	164.9	6.9	0.116	0.058	37.0	0.0	0.0	
1:15 AM	jr	353.5	512.8	15106			0.7	0.6	159.8	6.7	0.105	0.090	35.0	0.0	0.0	
12:30 PM	bo	354.5	513.2	15140			1.0	0.4	179.3	7.5	0.134	0.054	34.0	0.0	0.0	
11:16 AM	sl	355.2	513.7	15174			0.7	0.5	166.8	6.9	0.101	0.072	34.0	0.0	0.0	
11:50 AM	db	356.0	514.2	15210			0.8	0.5	192.6	8.0	0.100	0.062	36.0	0.0	0.0	
12:40 PM	bo	356.7	514.7	15240			0.7	0.5	144.8	6.0	0.116	0.083	30.0	0.0	0.0	everything working good
10:00 AM	ds	357.0	514.8	15254			0.3	0.1	69.3	2.9	0.104	0.035	14.0	0.0	0.0	
11:40 AM	sl	357.4	515.1	15274			0.4	0.3	97.7	4.1	0.098	0.074	20.0	0.0	0.0	

Howell Township  
Pump Station 78  
September 19, 2022

Date	Time	Initials	Pump 1	Pump 2	KWH	Hours #1	Hours #2	HOURS SINCE LAST CHECK-IN	# OF DAYS	AVG RUNTIME / DAY PUMP 1	AVG RUNTIME / DAY PUMP 2	KWH Net	Comments
6/28/2022	2:35 PM	bc	811.4	873.5	17079								
7/7/2022	12:15 PM	bc	821.8	884.8	17476	10.4	11.3	213.7	8.9	1.168	1.269	397.0	
7/19/2022	10:15 AM	ds	835.9	900.4	18013	14.1	15.6	286.0	11.9	1.183	1.309	537.0	
7/26/2022	10:53 AM	sl	844.7	909.7	18336	8.8	9.3	168.6	7.0	1.252	1.324	323.0	
8/1/2022	8:20 AM	db	851.8	917.6	18605	7.1	7.9	141.4	5.9	1.205	1.340	269.0	
8/8/2022	10:50 AM	bc	860.4	927.0	18928	8.6	9.4	170.5	7.1	1.211	1.323	323.0	
8/15/2022	1:10 AM	Jr	869.0	936.5		8.6	9.5	158.3	6.6	1.304	1.440	-18928.0	
8/22/2022	12:55 PM	bo	877.3	945.6	19562	8.3	9.1	179.8	7.5	1.108	1.215	19562.0	
8/29/2022	8:45 AM	sl	885.2	954.2	19861	7.9	8.6	163.8	6.8	1.157	1.260	299.0	
9/6/2022	8:25 AM	db	891.1	968.3	20086	5.9	14.1	191.7	8.0	0.739	1.766	225.0	
9/12/2022	1:55 PM	bo	898.8	976.5		7.7	8.2	149.5	6.2	1.236	1.316	-20086.0	
9/15/2022	1:55 PM	ds	902.5	980.5	20505	3.7	4.0	72.0	3.0	1.233	1.333	20505.0	
9/19/2022	8:50 AM	sl	907.3	985.7	20689	4.8	5.2	90.9	3.8	1.267	1.373	184.0	


Manhole Inspection Report  
Through September 19, 2022

### Manhole Inspection Status



Cannot Find	16
Complete	424
Cleaning Required	13
Complete - 21	20
Needs Cleaning ASAP	3
Not Complete	121
Adjust to Grade	42

### Manholes Requiring Maintenance



21

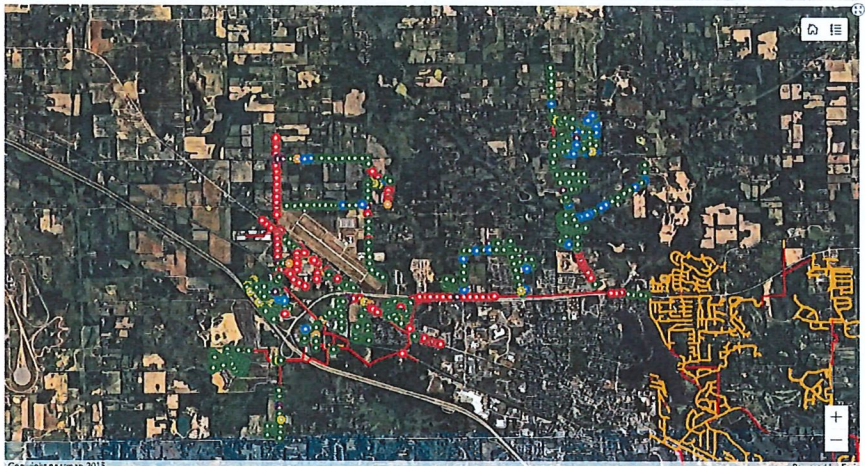
- Image preview HSMH-0578  
Inflow/Infiltration -  
July 19, 2022
- Image preview HSMH-0593  
Casting Off Center - In dir. Off center  
July 19, 2022
- Image preview HSMH-0230  
Adjust to Grade -  
July 20, 2022
- Image preview HSMH-0115  
Needs Lining - Needs lining  
July 21, 2022

#### Last Inspected Manhole

- HSMH-0161 July 19, 2022
- HSMH-0169 July 19, 2022
- HSMH-0173 July 19, 2022
- HSMH-0172 July 19, 2022
- HSMH-0170 July 19, 2022
- HSMH-0164 July 19, 2022
- HSMH-0171 July 19, 2022

#### Inspection Report

Operator	Bron
Date Inspected	July 19, 2022
Material	Precast Concrete Unlined
Field Comments	
Maintenance Needed?	No Maintenance Required
Needs Cleaning?	No
Adjust to Grade Measurement - Inches	
Private Property Impact	> 20 from Building
Cannot Find	





Monthly Missdig Log

August-22											
Date	Missdig Tickets					Marked					
	Received	Positive Response	Marked	Cleared	Out of System	MHOG	OPW	LE	G/O	OPS	HTS
Monday, August 01, 2022	45	23	9	14	0	5	1	0	2	1	0
Tuesday, August 02, 2022	15	42	7	35	0	7	0	0	0	0	0
Wednesday, August 03, 2022	18	21	5	16	0	3	0	0	1	1	0
Thursday, August 04, 2022	38	12	7	5	0	6	0	0	1	0	0
Friday, August 05, 2022	16	37	8	29	0	3	1	0	2	1	1
Saturday, August 06, 2022	0	0	0	0	0	0	0	0	0	0	0
Sunday, August 07, 2022	1	0	0	0	0	0	0	0	0	0	0
Monday, August 08, 2022	30	26	8	18	0	5	0	0	3	0	0
Tuesday, August 09, 2022	34	38	11	27	0	9	0	0	1	1	0
Wednesday, August 10, 2022	16	33	9	24	0	7	1	0	1	0	0
Thursday, August 11, 2022	24	31	6	25	0	4	0	0	1	1	0
Friday, August 12, 2022	18	15	4	11	0	2	0	0	2	0	0
Saturday, August 13, 2022	1	0	0	0	0	0	0	0	0	0	0
Sunday, August 14, 2022	0	0	0	0	0	0	0	0	0	0	0
Monday, August 15, 2022	35	14	0	14	0	0	0	0	0	0	0
Tuesday, August 16, 2022	42	53	6	47	0	6	0	0	0	0	0
Wednesday, August 17, 2022	33	26	11	15	0	6	1	0	3	1	0
Thursday, August 18, 2022	24	37	14	23	0	6	0	0	5	3	0
Friday, August 19, 2022	13	30	10	20	0	10	0	0	0	0	0
Saturday, August 20, 2022	0	0	0	0	0	0	0	0	0	0	0
Sunday, August 21, 2022	1	0	0	0	0	0	0	0	0	0	0
Monday, August 22, 2022	14	23	5	18	0	4	0	0	0	0	1
Tuesday, August 23, 2022	22	16	3	13	0	1	0	0	2	0	0
Wednesday, August 24, 2022	10	14	2	12	0	1	0	0	0	0	1
Thursday, August 25, 2022	29	14	4	10	0	4	0	0	0	0	0
Friday, August 26, 2022	15	0	0	0	0	0	0	0	0	0	0
Saturday, August 27, 2022	8	0	0	0	0	0	0	0	0	0	0
Sunday, August 28, 2022	10	0	0	0	0	0	0	0	0	0	0
Monday, August 29, 2022	39	56	9	47	0	6	0	0	2	1	0
Tuesday, August 30, 2022	26	34	6	28	9	4	0	0	1	1	0
Wednesday, August 31, 2022	23	28	10	18	0	7	0	0	3	0	0
<b>Total</b>	<b>600</b>	<b>623</b>	<b>154</b>	<b>469</b>	<b>9</b>	<b>106</b>	<b>4</b>	<b>0</b>	<b>30</b>	<b>11</b>	<b>3</b>
	Received	Positive Response	Marked	Cleared	Out of System	MHOG	OPW	LE	G/O	OPS	HTS
	19	20	5	15	0	Total				154	
	Average Per Day					% Marked to Received					
						26%					

MHOG = MHOG Water System  
 OPW = Oak Pointe Water System

LE = Lake Edgewood Sewer System  
 G/O = G/O Sewer System  
 OPS = Oak Pointe Sewer System  
 HTS = Howell Township Sewer System



SCADA System Operation Improvements



### SCADA System Operation Improvements

The screenshot displays the 'Alarm Dialer Page' in a web browser. The interface includes a navigation sidebar on the left with menu items: Home Overview, Today, Industrial Park, Grand River Ave, Alarm Dialer (selected), Alarm Rosters, and Genoa Overview. The main content area is divided into six panels, each representing a station's digital inputs:

- Station 71:** Low Level, High Level, P1 Fault, P2 Fault, Control Power, Probe Fault, Comm Fault.
- Station 72:** High Level, Control Power, Pump Fault, Comm Fault.
- Station 73:** Low Level, High Level, Pump Seal, Pump Over Temp, Generator On, Generator Exc., Comm Fault.
- Station 75:** High Level, Control Power, Pump Fault, Generator On, Comm Fault.
- Station 76:** High Level, Lag Running, Pump Fault, Generator On, Comm Fault.
- Station 77:** High Level, Lag Running, Pump Fault, Comm Fault.

At the bottom, the 'Unacknowledged Alarms' section contains a table with columns: Time, Ack, Status, Area, Name, and Description. The table is currently empty, with the message 'There are no alarms that match the current filter' displayed below it.

### SCADA System Operation Improvements

The screenshot shows a SCADA system interface for Howell Township. The main area is a map with several locations marked, including Pioneer Cemetery, Hawk Meadows Golf Course, Hawk Meadows, Howell Township Hall, First Apostolic Lutheran Church, Puterbaugh Dressage Sport, Howell Area Parks & Recreation (Ocoola), Chemung Hills Golf Club Barquet Center, Howell, Kruger, Castaway Play Cafe, and Grand River Corn Maze. There are also several sensor or actuator points labeled P1, P2, and P3 with numerical values like 3.7 n, 1.7 n, and 2.8 n.

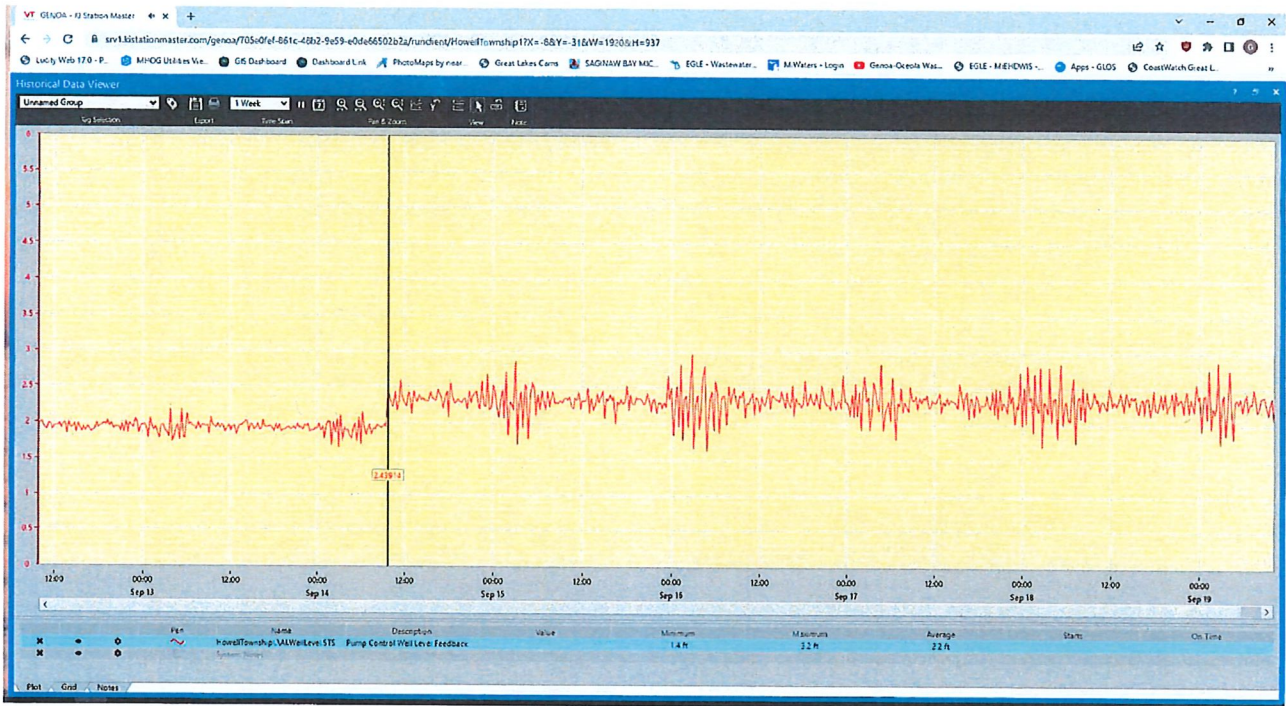
On the left side, there is a sidebar with the following navigation options:

- Howell Overview
- Tools
- Industrial Park
- Grand River Ave
- Alarm Datalist
- Alarm Rosters
- Genoa Overview

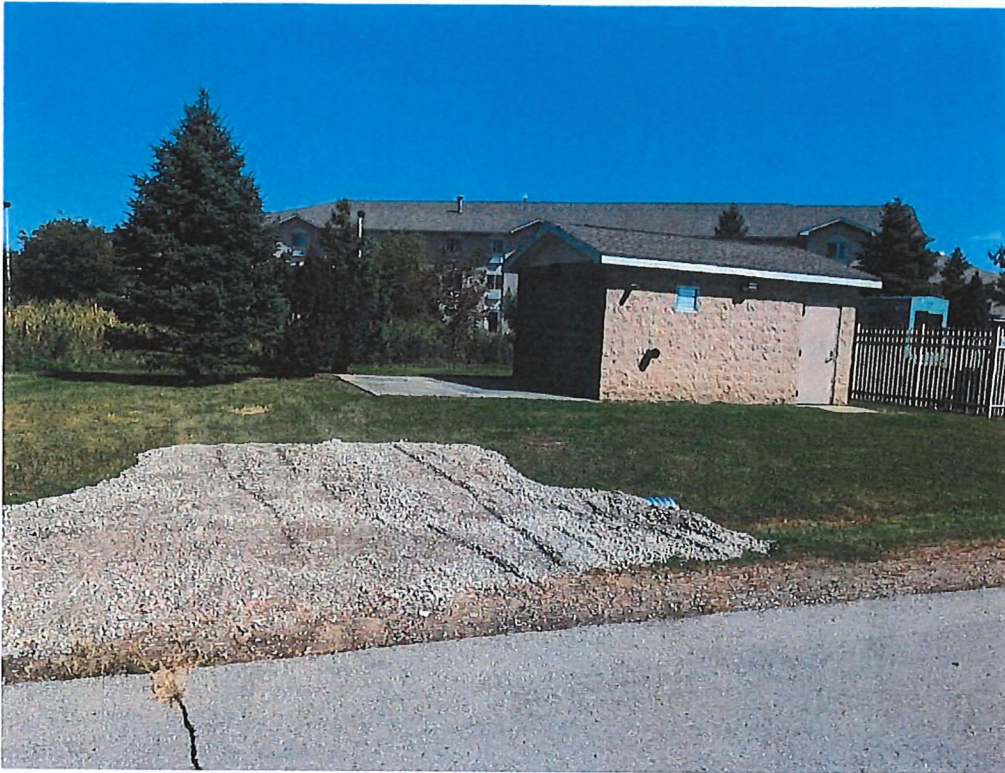
At the bottom, there is a table titled 'Unacknowledged Alarms' with the following columns: Time, Ack, Status, Area, Name, and Description. The table contains one row with the value 'Ack' in the Ack column.

Time	Ack	Status	Area	Name	Description
	Ack				

## SCADA System Operation Improvements



Pump Station 73 Driveway for Cleaning Access



**Section 3**  
**Capital Improvement Plan**



**Howell Township  
Required Repair and Capital Improvement Plan Summary  
Updated 9-19-22**

Wastewater Plant Immediate Repairs & Capital Improvements				
No.	Project Description	Criticality	Cost	Status
1	Lining of Influent Channel Due to Corrosion, Causing Bypass of Screen (Need to Add Cost of Bypass Pumping Headworks)	High	\$17,250	Notify ART Pump Station 71 planned for week of October 10th
2	Repair of Fine Screen	High	\$22,294	Lakeside Equipment has part shipments scheduled for October 19th
3	UV Disinfection System Upgrade	High	\$59,275	Met with Spicer, they are preparing part 41 and drawings for contractor to install
5	New Air Compressor	High	\$30,568	Ordered new compressor from Ingersoll Rand, old compressor failed, removed on 9-19-22
6	Upgrade of Kennedy SCADA	High		Kennedy working on repairs of existing, pending a cost for upgrade
<b>Subtotal of Plant Immediate Upgrades</b>			<b>\$129,387</b>	
Collection System Immediate Repairs and Capital Improvements				
C1	Rehabilitation of Pump Station 71 (Multiple Quotes)	High	\$102,086	Bypass Installation 9/20/22. Plan By-pass Pumping October 3, with Piping Replacement.
<b>Subtotal of Collection System Immediate Upgrades</b>			<b>\$102,086</b>	
<b>Total of Plant and Collection System Immediate Repairs</b>			<b>\$231,473</b>	
<b>20% Contingencies of Installation, Parts, Etc.</b>			<b>\$46,294.60</b>	
<b>Grand Total</b>			<b>\$277,767.60</b>	

Other Repairs Non Immediate or Quoted Yet				
No.	Project Description	Criticality	Cost	Status
1	SCADA System for Plant (DO Monitoring, Level Monitoring, Alarm Improvements, Trending)	High	\$75,000	Smaller scope project than original
2	Second Recycle Pump Station Pump	Moderate	\$15,000	On Hold, need to do something in 2023
3	Walker North Clarifier Upgrade and Coating	Moderate	\$100,000	Walker inspected, expecting a report from them
4	Junction Chamber and Ferric Chloride Injection Improvements	Moderate	\$20,000	Working on composite manhole
5	Drainage from Scum Pit to Drain Line	Moderate	\$12,000	No Activity
6	Painting of Doors, Posts, & Other Exposed Metal	Moderate	\$75,000	No Activity
7	Repair Valves to EQ Tank	Moderate	\$50,000	No Activity
8	Transfer Switch at Lambert Drive Pump Station	Moderate	\$8,000	Working on quotes
9	Chemical Resistant Sump Pumps	High	\$4,000	No Activity
10	RAS Roof Repairs	Low	\$5,000	No Activity
11	Pump Station 76 Drainage	Moderate	\$5,000	Met homeowners, try to get done prior to winter (November)
12	Plant Driveway Repairs (Crack Sealing)	Low	\$10,000	No Activity
<b>Total</b>			<b>\$379,000</b>	

Howell Township Pump Station 71 By-Pass



Howell Township Pump Station 71 By-Pass



# Howell Township Pump Station 71 By-Pass



## Howell Township Clerk

---

**From:** Greg Tatara <greg@mhog.org>  
**Sent:** Wednesday, September 28, 2022 2:30 PM  
**To:** Howell Township Treasurer  
**Cc:** Howell Township Clerk; Howell Township Assessor  
**Subject:** A few updates  
**Attachments:** Sewer Back.docx

Hi Jonathan,

I just wanted to provide a few updates on items:

- 1) I have prepared a draft sewer policy (attached) to provide residents if there is ever a sewer back up in any of the systems we operate. I will email to our insurance provider and also give to your provider (Kevin Decker) for review and comment when they come out tomorrow for the appraisals. Also, is it okay if I ask if they would provide any coverage for this event that happened? Please feel free to edit the document as well.
- 2) We received the soft start for pump station 76 and operators put that in this week. So, now all stations have a minimum of two pumps running.
- 3) We improved our pump station check in sheets, so that operators now have to document that ran pumps in hand, noted any noise or blow-by, note generator fuel levels, grounds conditions, etc. I will share at the next meeting, but I think this improves our documentation of a thorough preventive maintenance program.
- 4) Staff is back at manhole inspections. We are hopeful to complete, with exception of manholes in dirt roads, the rest of the initial inspections this week.
- 5) Jim is still working with Kennedy to get a revised quote to upgrade the KISM system. We are wanting to make sure you are being credited for the components in the system already. We hope to have something by the end of the week.
- 6) Monday, we will begin the Pump Station 71 rehab, we have confirmation from all subcontractors that they will be on-site.
- 7) I contacted Spicer to get an update on the UV plans and we sent them data for flow from the past three months that they requested. So far so good on that.
- 8) I sent an email to Ariana regarding not seeing sewer leads in GIS. I cannot get them to load either, on any of the maps, so I asked her to look into it.

I think that is everything for now.

**Greg Tatara**  
Utility Director  
MHOG Sewer and Water Utilities  
[greg@mhog.org](mailto:greg@mhog.org)  
Direct: 810-224-5837

**11K**

Howell Park & Recreation  
September 20, 2022  
6:30pm

Presentation/Discussion 2023 Draft Budget

Financial Sustainability Mileage? Raising Township Funding? Discussions with Supervisors? What is the best path?

Discussion on outdoor pickle ball courts (fast growing sport) – Oceola is looking at a possibility of 6 courts by center – eta not till spring  
question was asked what the city is doing with the old tennis courts & possibly revamping them to pickle ball courts  
discussion on how to fund the upkeep – possibly tournaments more discussion to come

Possible opportunity for Municipality Projects: examples: new buck pole @ Marion Twp., Archery Range indoor & outdoor

Upcoming events: Friday October 21<sup>st</sup> Legend of sleepy Howell (Alice in Wonderland theme), Headless Horseman 5K Saturday October 22<sup>nd</sup>, teen program has a late night arcade event September 23<sup>rd</sup>, girls basketball begins October 3<sup>rd</sup>

Close session to cover Tim's on evaluation

# HOWELL

## recreation

### Director's Report- 09.20.2022

#### General Updates

- A. Pickleball- After our August board meeting, we have started discussing with Oceola Township the potential of outdoor courts and their location. The space behind the recreation center we would be able to fit roughly 6 dedicated pickleball courts, and this would allow for other field development to help grow HAPRA other offerings.
  - i. Are other municipalities, looking to build pickleball courts?
  - ii. 30 people In our Pickleball clinics – still have a huge wait list
- B. Municipality projects:
  - a. Are there any plans or projects that are on schedule for 2023- 2024?
  - b. Is there an opportunity for HAPRA to introduce potential projects?
    - i. Examples/ Ideas:
      - a. New Buck Pole @ Marion
      - b. Archery Range: Indoor or Outdoor
- C. Strategic Planning Session:
  - a. Meet as a leadership staff w/ Sally on Thursday September 8<sup>th</sup>
  - b. We started to align areas of the community survey with 5 action items our Stakeholder meeting
  - c. Next Steps: Sally will would like to bring back our Board and other Stakeholders in October

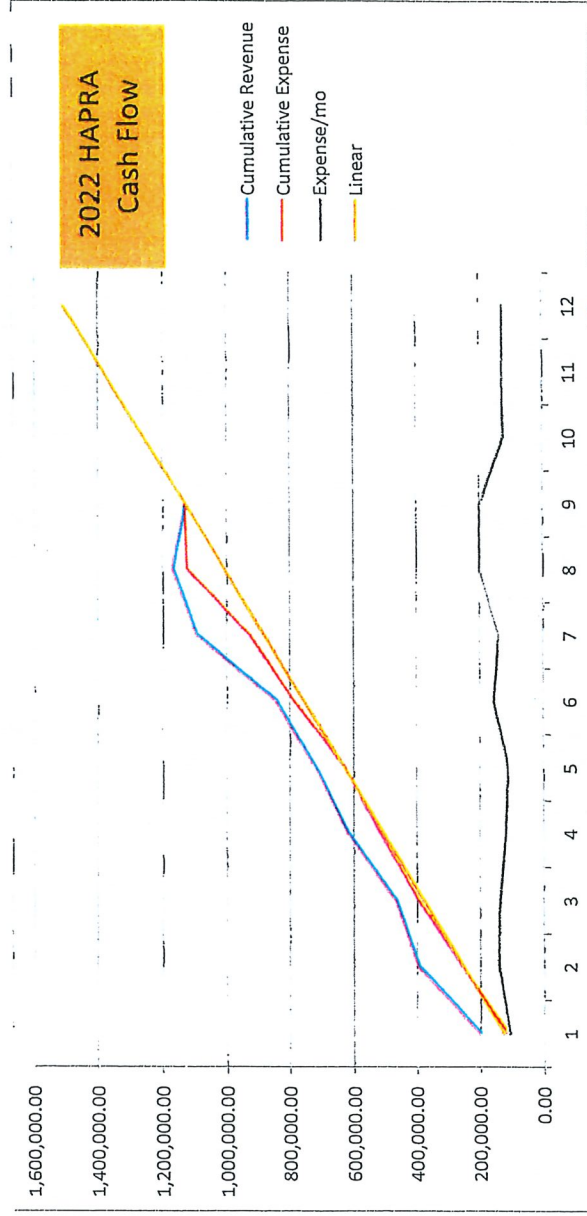
#### Upcoming Program/ Events

1. HIVE LATE NIGHT- The Arcade in Brighton- September 23
2. Girls Basketball begins Oct 3
3. Legend of Sleepy Howell – Oct 22
4. Headless Horseman- Oct 23



Month	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22 Budget
Cumulative Revenue	199,019.50	392,526.87	465,956.72	615,420.37	718,925.81	840,775.29	1,094,002.60	1,167,244.51	1,128,618.65	1,254,020.72	1,379,422.79	1,504,824.86
Cumulative Expense	109,963.80	252,542.09	391,939.11	512,960.95	625,439.10	782,295.89	922,330.00	1,121,227.71	1,128,618.65	1,254,020.72	1,379,422.79	1,504,824.86
Expense/mo	109,963.80	142,578.29	139,397.02	121,021.84	112,478.15	156,856.79	140,034.11	198,897.71	198,897.71	125,402.07	125,402.07	125,402.07
Linear	125,402.07	250,804.14	376,206.22	501,608.29	627,010.36	752,412.43	877,814.50	1,003,216.57	1,128,618.65	1,254,020.72	1,379,422.79	1,504,824.86
Cumulative Revenue %	13.23%	26.08%	30.96%	40.90%	47.77%	55.87%	72.70%	77.57%	75.00%	83.33%	91.67%	100.00%
Cumulative Expense %	7.31%	16.78%	26.05%	34.09%	41.56%	51.99%	61.29%	74.51%	75.00%	83.33%	91.67%	100.00%
Cumulative Surplus	89,055.70	139,984.78	74,017.61	102,459.42	93,486.71	58,479.40	171,672.60	46,016.80	0.00	0.00	0.00	0.00

Months NOT yet reported so the financial numbers are theoretical based on annual budget



### Facility Usage by Location

Row Labels	Count of User
Bennett Recreation Center Room A	1
Genoa Soccer Complex Field 1	12
Genoa Soccer Complex Field 2	18
Oceola Community Center Court 3	2
Oceola Community Center Main Meeting Room 1	9
Oceola Community Center Meeting Room 2	6
Oceola Community Center Meeting Room 3	1
(blank)	
<b>Grand Total</b>	<b>49</b>

### Oceola Community Center Drop-in

City of Howell	87
Oceola Twp	83
Marion Twp	12
Genoa Twp	46
Howell Twp	31
Other	31
unknown	63
<b>Total</b>	<b>353</b>

### Facility Usage by Municipality

Row Labels	Count of User
City of Brighton	22
City of Howell	1
Deerfield Township	1
Green Oak Township	5
Hartland Township	1
Howell Township	1
Marion Township	1
Oceola Township	15
Unadilla Township	2
(blank)	
<b>Grand Total</b>	<b>49</b>

### Oceola Community Center Tours

City of Howell	0
Oceola Twp	10
Marion Twp	2
Genoa Twp	4
Howell Twp	1
Other	2
unknown	13
<b>Total</b>	<b>32</b>

### Point of Sale Reports

Row Labels	Sum of Total
POS Item: (NON RESIDENT) Community Center Drop-In P	270
POS Item: Community Center Drop-In Pass	1760
POS Item: Fitness Class/ Yoga Drop in	110
POS Item: Senior Fitness Class (non Senior Center membr	30
POS Item: Senior Fitness Class (Senior Center Member)	246
<b>Grand Total</b>	<b>2416</b>

Row Labels	Sum of Quantity	Sum of Cash	Sum of Credit/Debit
Admin - Gymnasium Rental	255	930	450
Sports - Drop-in Fees	124	480	170
Wellness - Program Fees Fitness	99	373	13
<b>Grand Total</b>	<b>478</b>	<b>1783</b>	<b>633</b>

## PARTICIPATION TOTALS

Row Labels	Count of Name
Brighton Township	286
City of Brighton	78
City of Howell	1371
Cohoctah Township	159
Conway Township	57
Deerfield Township	148
Genoa Township	1223
Green Oak Township	81
Hamburg Township	112
Handy Township/Fowlerville	235
Hartland Township	235
Howell Township	1073
Iosco Township	112
Marion Township	1332
Oceola Township	2467
Other Area	569
Pinckney Village	22
Putnam Township	52
Tyrone Township	30
Unadilla Township	17
(blank)	64
<b>Grand Total</b>	<b>9723</b>

## 50&BEYOND + TRAVEL

Row Labels	Count of Name
Brighton Township	9
City of Brighton	6
City of Howell	82
Cohoctah Township	3
Conway Township	1
Deerfield Township	10
Genoa Township	76
Hamburg Township	2
Handy Township/Fowlerville	3
Hartland Township	5
Howell Township	51
Iosco Township	2
Marion Township	69
Oceola Township	165
Other Area	23
Pinckney Village	1
Putnam Township	4
<b>Grand Total</b>	<b>512</b>

## SPECIAL EVENTS

Row Labels	Count of Name
Brighton Township	89
City of Brighton	20
City of Howell	302
Cohoctah Township	37
Conway Township	15
Deerfield Township	26
Genoa Township	260
Green Oak Township	21
Hamburg Township	37
Handy Township/Fowlerville	63
Hartland Township	45
Howell Township	235
Iosco Township	24
Marion Township	261
Oceola Township	383
Other Area	143
Pinckney Village	5
Putnam Township	16
Tyrone Township	8
Unadilla Township	4
(blank)	2
<b>Grand Total</b>	<b>1996</b>

## YOUTH SERVICES PROGRAMS

Row Labels	Count of Name
Brighton Township	7
City of Brighton	1
City of Howell	84
Cohoctah Township	6
Conway Township	2
Deerfield Township	4
Genoa Township	56
Green Oak Township	5
Hamburg Township	4
Handy Township/Fowlerville	8
Hartland Township	2
Howell Township	48
Iosco Township	3
Marion Township	78
Oceola Township	107
Other Area	22
Putnam Township	2
Unadilla Township	2
(blank)	1
<b>Grand Total</b>	<b>442</b>

## SPORTS PROGRAMS

Row Labels	Count of Name
Brighton Township	24
City of Brighton	6
City of Howell	237
Cohoctah Township	36
Conway Township	7
Deerfield Township	35
Genoa Township	282
Green Oak Township	6
Hamburg Township	7
Handy Township/Fowlerville	42
Hartland Township	35
Howell Township	248
Iosco Township	28
Marion Township	355
Oceola Township	576
Other Area	43
Pinckney Village	2
Putnam Township	7
Tyrone Township	5
Unadilla Township	1
<b>Grand Total</b>	<b>1982</b>

## FITNESS MEMBERSHIPS & CLASSES

Row Labels	Count of Name
Brighton Township	21
City of Brighton	4
City of Howell	149
Cohoctah Township	10
Conway Township	3
Deerfield Township	17
Genoa Township	153
Green Oak Township	1
Hamburg Township	9
Handy Township/Fowlerville	4
Hartland Township	32
Howell Township	80
Iosco Township	6
Marion Township	95
Oceola Township	546
Other Area	37
Tyrone Township	3
Unadilla Township	1
(blank)	1
<b>Grand Total</b>	<b>1172</b>

13

**Howell Township**  
**Invoice and Check Registers**  
**As of 9/30/2022**



User: BRENT KILPELA  
 DB: Howell Twp  
 Inv Num  
 Inv Ref#

Vendor  
 Description  
 GL Distribution

Inv Date  
 Entered By  
 Due Date

Inv Amt  
 Amt Due  
 Status  
 Jnlized  
 Post Date

Inv Num	Vendor	Description	GL Distribution	Inv Date	Entered By	Due Date	Inv Amt	Amt Due	Status	Jnlized	Post Date
64810			GEN FUND PREPAID EXPENSES				1,598.12				
21240	MICRO WORKS COMPUTING, INC	REBOOT SERVER AND MAINTENANCE		08/18/2022	BRENT KILPELA	09/07/2022	75.00	0.00	Paid	Y	08/23/2022
		101-265-728.01	TWP HALL IT SUPPORT EXPENSE				75.00				
8/22/2022											
21241	LIVINGSTON COUNTY TREASURER	MOBILE HOME FEES		08/22/2022	BRENT KILPELA	09/15/2022	762.50	0.00	Paid	Y	08/23/2022
		701-000-239.00	TRUST MOBILE HOME TAX PAYABLE				762.50				
216067	SPICER GROUP	BD Bond Refund		08/24/2022	BRENT KILPELA	08/31/2022	250.50	0.00	Paid	Y	08/23/2022
21242		101-000-203.00	BSP22-0001				250.50				
216071	SPICER GROUP	BD Bond Refund		08/24/2022	BRENT KILPELA	08/31/2022	1,582.00	0.00	Paid	Y	08/23/2022
21243		101-000-203.00	BSP22-0003				1,582.00				
216066	SPICER GROUP	BD Bond Refund		08/24/2022	BRENT KILPELA	08/31/2022	733.25	0.00	Paid	Y	08/23/2022
21244		101-000-203.00	BSP20-0003				733.25				
216069	SPICER GROUP	GENERAL SERVICES		08/23/2022	BRENT KILPELA	09/23/2022	767.50	0.00	Paid	Y	08/24/2022
21245		101-447-801.00	ENGINEERING CONTRACTED SVCS EXPENSE				767.50				
206613670421											
21246	CONSUMERS ENERGY	1222 PACKARD AUGUST 2022		08/18/2022	BRENT KILPELA	09/13/2022	93.08	0.00	Paid	Y	08/24/2022
		592-538-922.00	WWTP NATURAL GAS EXPENSE				93.08				
203766247778											
21247	CONSUMERS ENERGY	391 N BURKHART AUG 2022		08/17/2022	BRENT KILPELA	09/13/2022	22.40	0.00	Paid	Y	08/24/2022
		592-538-922.00	WWTP NATURAL GAS EXPENSE				22.40				
2060799952594											
21248	CONSUMERS ENERGY	2571 OAKROVE AUG 2022		08/18/2022	BRENT KILPELA	09/14/2022	104.37	0.00	Paid	Y	08/25/2022
		592-538-922.00	WWTP NATURAL GAS EXPENSE				104.37				





INVOICE REGISTER REPORT FOR HOWELL TOWNSHIP

09/27/2022 01:59 PM  
 User: BRENT KILPELA  
 DB: Howell Twp  
 Inv Num  
 Inv Ref#

Vendor  
 Description  
 GL Distribution  
 Inv Date  
 Entered By  
 Due Date  
 Inv Amt  
 Amt Due  
 Status  
 Jrnalized  
 Post Date

703-000-214.10

TAX DUE TO TAXPAYERS

70.00

70.00

0.00

Paid

09/01/2022

9/1/2022  
 21259

HOWELL PUBLIC SCHOOLS  
 2022 SUMMER TAXES 8/15 - 8/31/2022  
 703-000-225.00

TAX DUE TO HOWELL SCHLS DEBT SUMMER

85,138.65

85,138.65

0.00

Paid

09/01/2022

9/1/2022  
 21260

HOWELL PUBLIC SCHOOLS  
 2022 SUMMER TAXES 8/15 - 8/31/2022  
 703-000-225.01

TAX DUE TO HOWELL SCHLS OPER SUMMER

286,416.80

286,416.80

0.00

Paid

09/01/2022

9/1/2022  
 21261

FOWLERVILLE SCHOOLS  
 2022 SUMMER TAXES 8/15 - 8/31/2022  
 703-000-226.00

TAX DUE TO FOWL SCHLS OPER SUMMER

6,875.05

6,875.05

0.00

Paid

09/01/2022

9/1/2022  
 21262

LIVINGSTON COUNTY TREASURER  
 2022 SUMMER TAXES 8/15 - 8/31/2022  
 703-000-228.01

TAX DUE TO COUNTY SET SUMMER

195,874.87

195,874.87

0.00

Paid

09/01/2022

9/1/2022  
 21263

LIV EDUC SERVICE AGENCY  
 2022 SUMMER TAXES 8/15 - 8/31/2022  
 703-000-227.00

TAX DUE TO IESA SUMMER

104,544.16

104,544.16

0.00

Paid

09/01/2022

9/1/2022  
 21264

LIVINGSTON COUNTY TREASURER  
 2022 SUMMER TAXES 8/15 - 8/31/2022  
 703-000-228.00

TAX DUE TO COUNTY SUMMER

104,762.91

104,762.91

0.00

Paid

09/01/2022

11082018-463  
 21265

GENOA TOWNSHIP DPW  
 SEPTEMBER 2022 MAINTENANCE  
 592-538-801.00

WWTP CONTRACTED SERVICES EXPENSE

23,886.99

23,886.99

0.00

Paid

09/01/2022

10149  
 21266

BRAMLETT HARDWARE & HEATING CO.  
 NEW LENNOX CONDENSER AND 3" PAD  
 101-268-977.00

TWP AT LARGE CAPITAL OUTLAY EXPENSE

7,200.00

7,200.00

0.00

Paid

09/06/2022

5754  
 21267

PERFECT MAINTENANCE  
 SEPTEMBER 2022  
 101-265-775.00

TWP HALL OFFICE CLEANING EXPENSE

195.00

195.00

0.00

Paid

09/06/2022

INVOICE REGISTER REPORT FOR HOWELL TOWNSHIP

09/27/2022 01:59 PM  
 User: BRENT KILPELA  
 DB: Howell Twp  
 Inv Num Vendor  
 Inv Ref# Description  
 GL Distribution

Inv Num	Vendor	Description	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized	Post Date
3316192226	PITNEY BOWES GLOBAL FINANCIAL SERV.	08/26/2022	09/29/2022	403.98	0.00	Paid	Y		
21268	QUARTERLY RENTAL 6/30 - 9/29/22	BRENT KILPELA							
	101-265-930.01	TWP HALL OFFICE EQUIPMENT & REPAIR			403.98				09/06/2022
10420	LIVINGSTON COUNTY CLERK	08/22/2022	09/21/2022	2,450.00	0.00	Paid	Y		
21269	AUGUST ELECTION 2022	BRENT KILPELA							09/06/2022
	101-262-900.00	ELECTION PRINTING & PUBL EXPENSE			98.75				
	101-262-726.00	ELECTION POSTAGE EXPENSE			251.25				
	101-262-930.00	ELECTION EQUIP REPAIR EXPENSE			2,100.00				
318405	PVS TECHNOLOGIES, INC	08/31/2022	09/30/2022	6,210.51	0.00	Paid	Y		
21270	FERRIC CHLORIDE (45,000 LBS)	BRENT KILPELA							09/06/2022
	592-538-729.00	WWTTP CHEMICALS EXPENSE			6,210.51				
AR1/51028826	PARKSON CORPORATION	07/01/2021	09/06/2022	652.28	0.00	Paid	Y		
21271	BIOUSER PARTS	BRENT KILPELA							06/30/2022
	592-442-956.00	WWTTP MISCELLANEOUS EXPENSE			652.28				
45586	NORTHWEST PIPE AND SUPPLY, INC	07/14/2022	09/06/2022	27.68	0.00	Paid	Y		
21275	6 IN FEMALE ADAPTER	BRENT KILPELA							09/06/2022
	592-538-930.00	WWTTP PLANT EQUIPMENT REPAIR EXPENSE			27.68				
11082018-451	GENOA TOWNSHIP DPW	08/01/2022	09/06/2022	23,886.99	0.00	Paid	Y		
21276	MAINTENANCE AUGUST 2022	BRENT KILPELA							09/06/2022
	592-538-801.00	WWTTP CONTRACTED SERVICES EXPENSE			23,886.99				
9400423787	GRAINGER	08/04/2022	09/06/2022	176.57	0.00	Paid	Y		
21277	HOOR METER, FUSE	BRENT KILPELA							09/06/2022
	592-538-956.00	WWTTP MISCELLANEOUS EXPENSE			176.57				
9828	LOREA TOPSOIL & AGGREGATE	08/04/2022	09/06/2022	36.04	0.00	Paid	Y		
21278	LIMESTONE, FILL SAND	BRENT KILPELA							09/06/2022
	592-538-956.00	WWTTP MISCELLANEOUS EXPENSE			36.04				
9257	LOREA TOPSOIL & AGGREGATE	07/05/2022	09/06/2022	742.00	0.00	Paid	Y		
21279	TOPSOIL, 21AA	BRENT KILPELA							09/06/2022
	592-538-956.00	WWTTP MISCELLANEOUS EXPENSE			742.00				

User: BRENT KILPELA  
 DB: Howell Twp

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
Inv Ref#	Description	Entered By					Post Date
	GL Distribution						

200433659764	DTE ENERGY	08/31/2022	10/10/2022	443.18	0.00	Paid	Y
21280	STREETLIGHTS	BRENT KILPELA					09/06/2022
	101-268-920.00		TWP AT LARGE STREETLIGHT EXPENSE	443.18			

9/1/2022	DTE ENERGY	09/01/2022	09/23/2022	504.05	0.00	Paid	Y
21281	2571 OAK GROVE SEPT 2022	BRENT KILPELA					09/06/2022
	592-538-920.00		WWTP ELECTRICITY EXPENSE	504.05			

8/15/2022	BYRUM ACE HARDWARE	08/15/2022	09/15/2022	75.87	0.00	Paid	Y
21282	ROUNDUP, GLOVES, CABLE TIES	BRENT KILPELA					09/06/2022
	592-538-956.00		WWTP MISCELLANEOUS EXPENSE	75.87			

9/12/2022	MS ULTRASONIC TECHNOLOGY, LLC	09/12/2022	09/12/2022	750.00	0.00	Paid	Y
21283	IFT APPLICATION REFUND	BRENT KILPELA					09/12/2022
	101-000-675.00		GEN FUND OTHER REVENUE	750.00			

CS100235	CHLORIDE SOLUTIONS, LLC	09/03/2022	10/03/2022	5,163.45	0.00	Paid	Y
21284	DUST CONTROL	BRENT KILPELA					09/12/2022
	204-000-802.00		ROAD CHLORIDE EXPENSE	5,163.45			

IN-7146	SMART BUSINESS SOURCE, LLC	09/08/2022	10/08/2022	173.90	0.00	Paid	Y
21285	SELF INKING DATE STAMPER	BRENT KILPELA					09/12/2022
	101-265-727.01		TWP HALL OFFICE SUPPLIES EXPENSE	173.90			

24324998	GRANGER WASTE SERVICES	08/31/2022	09/30/2022	20.71	0.00	Paid	Y
21286	SEPTEMBER 2022	BRENT KILPELA					09/12/2022
	101-265-775.00		TWP HALL OFFICE CLEANING EXPENSE	20.71			

161600	MICHIGAN TWP ASSOC	09/08/2022	10/08/2022	25.00	0.00	Paid	Y
21287	ELECTIONS UPDATE WEBINAR	BRENT KILPELA					09/12/2022
	101-262-720.00		ELECTION EDUCATION EXPENSE	25.00			

700954	KISM, LLC	09/09/2022	10/08/2022	819.00	0.00	Paid	Y
21288	PUMP STATION #3 SCADA MONITORING	BRENT KILPELA					09/12/2022
	592-538-851.00		WWTP SCADA MONITORING EXPENSE	819.00			

106339111	TRINITY HEALTH EPIC - PP	08/24/2022	09/21/2022	190.00	0.00	Paid	Y
21289	AILEEN B ARLEDGE MEDICAL BILL	BRENT KILPELA					09/12/2022

User: BRENT KILPELA  
DB: Howell Twp

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
Inv Ref#	Description	Entered By					Post Date

101-262-703.00	ELECTION WORKERS WAGES			190.00			
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3412							
21290	COMPLETE OUTDOOR SERVICES, INC.	09/08/2022	09/23/2022	845.00	0.00	Paid	Y
	CEMETERY MAINTENANCE (5 OF8)	BRENT KILPELA					09/12/2022
	101-276-931.00	GROUND CARE & MAINT.		845.00			

59570868							
21291	ABSOPURE	08/31/2022	09/30/2022	12.00	0.00	Paid	Y
	COOLER RENTAL 9/1-9/30/2022	BRENT KILPELA					09/12/2022
	101-265-727.00	TWP HALL KITCHEN/BATH SUPPLIES EXPENSE		12.00			

9/1/2022							
21292	LIVINGSTON COUNTY TREASURER	09/01/2022	09/30/2022	85.80	0.00	Paid	Y
	JULY BOR CHARGEBACKS	BRENT KILPELA					09/12/2022
	101-247-964.00	BOARD OF REVIEW REFUNDS & CHARGEBACKS		85.80			

5575							
21293	FAHEY SCHULTZ BURZYCH RHODES PLC	09/01/2022	10/01/2022	2,877.00	0.00	Paid	Y
	GENERAL	BRENT KILPELA					09/12/2022
	101-268-801.01	TWP AT LARGE LEGAL EXPENSE		2,877.00			

5604							
21294	FAHEY SCHULTZ BURZYCH RHODES PLC	09/01/2022	10/01/2022	4,024.00	0.00	Paid	Y
	OAKLAND TACTICAL	BRENT KILPELA					09/12/2022
	101-268-801.01	TWP AT LARGE LEGAL EXPENSE		4,024.00			

5609							
21295	FAHEY SCHULTZ BURZYCH RHODES PLC	09/01/2022	10/01/2022	336.00	0.00	Paid	Y
	PERSONAL PROPERTY TAX COLL	BRENT KILPELA					09/12/2022
	101-268-801.01	TWP AT LARGE LEGAL EXPENSE		336.00			

5635							
21296	FAHEY SCHULTZ BURZYCH RHODES PLC	09/01/2022	10/01/2022	65.50	0.00	Paid	Y
	ZONING	BRENT KILPELA					09/12/2022
	101-701-801.01	PLANNING LEGAL EXPENSE		65.50			

9/6/2022							
21297	DTE ENERGY	09/06/2022	09/28/2022	98.10	0.00	Paid	Y
	391 N BURKHART SEPT 2022	BRENT KILPELA					09/12/2022
	592-538-920.00	WWTP ELECTRICITY EXPENSE		98.10			

9/6/2022							
21298	DTE ENERGY	09/06/2022	09/28/2022	103.14	0.00	Paid	Y
	1009 N BURKHART SEPT 2022	BRENT KILPELA					09/12/2022
	592-538-920.00	WWTP ELECTRICITY EXPENSE		103.14			

User: BRENT KILPELA  
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 Inv Num Vendor  
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 GL Distribution

Inv Num	Vendor	Description	GL Distribution	Inv Date	Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnalized	Post Date
7283	LIVINGSTON COUNTY ROAD COMMISSION			09/12/2022		10/12/2022	111,366.69	0.00	Paid	Y	09/13/2022
21299	GRANDALL ROAD REPAIRS			09/12/2022	BRENT KILPELA						
	204-000-801.00	ROAD IMPROVEMENT EXPENSE					111,366.69				
CS100244	CHLORIDE SOLUTIONS, LLC			09/09/2022		10/09/2022	6,224.37	0.00	Paid	Y	09/13/2022
21300	DUST CONTROL			09/09/2022	BRENT KILPELA						
	204-000-802.00	ROAD CHLORIDE EXPENSE					6,224.37				
9/9/2022	DTE ENERGY			09/09/2022		10/03/2022	576.62	0.00	Paid	Y	09/15/2022
21301	SEPTEMBER 2022			09/09/2022	BRENT KILPELA						
	101-265-920.00	TWP HALL ELECTRICITY EXPENSE					576.62				
64945	MICRO WORKS COMPUTING, INC			09/09/2022		09/29/2022	112.50	0.00	Paid	Y	09/15/2022
21302	DEPUTY CLERK CHANGE OVER			09/09/2022	BRENT KILPELA						
	101-265-728.01	TWP HALL IT SUPPORT EXPENSE					112.50				
0004897983	LIVINGSTON DAILY PRESS & ARGUS			09/01/2022		09/20/2022	250.00	0.00	Paid	Y	09/15/2022
21303	AUGUST PUBLICATIONS			09/01/2022	BRENT KILPELA						
	101-703-900.00	BOARD OF APPEALS PRINTING & PUBL EXPENS					90.00				
	101-101-900.00	TWP BOARD PRINT & PUBL EXPENSE					160.00				
9/9/2022	DTE ENERGY			09/09/2022		10/03/2022	3,608.36	0.00	Paid	Y	09/15/2022
21304	1222 PACKARD DR SEPT 2022			09/09/2022	BRENT KILPELA						
	592-538-920.00	WWTP ELECTRICITY EXPENSE					3,608.36				
9/9/2022	DTE ENERGY			09/09/2022		10/03/2022	327.86	0.00	Paid	Y	09/15/2022
21305	157 N BURKHART SEPT 2022			09/09/2022	BRENT KILPELA						
	592-538-920.00	WWTP ELECTRICITY EXPENSE					327.86				
9/9/2022	DTE ENERGY			09/09/2022		10/03/2022	213.21	0.00	Paid	Y	09/15/2022
21306	1034 AUSTIN CT SEPT 2022			09/09/2022	BRENT KILPELA						
	592-538-920.00	WWTP ELECTRICITY EXPENSE					213.21				
9/9/2022	DTE ENERGY			09/09/2022		10/03/2022	20.50	0.00	Paid	Y	09/15/2022
21307	1216 PACKARD DR SEPT 2022			09/09/2022	BRENT KILPELA						
	592-538-920.00	WWTP ELECTRICITY EXPENSE					20.50				

User: BRENT KILPELA  
 DB: Howell Twp  
 Inv Num Vendor  
 Inv Ref# Description Entered By  
 GI Distribution

Inv Ref#	Description	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized	Post Date
9/9/2022	DTE ENERGY	09/09/2022	10/03/2022	184.47	0.00	Paid	Y	
21308	2559 W GRAND RIVER SEPT 2022	BRENT KILPELA						09/15/2022
	592-538-920.00	WWTP ELECTRICITY EXPENSE		184.47				
9/9/2022	DTE ENERGY	09/09/2022	10/03/2022	99.66	0.00	Paid	Y	
21309	3888 OAKGROVE SEPT 2022	BRENT KILPELA						09/15/2022
	592-538-920.00	WWTP ELECTRICITY EXPENSE		99.66				
222847	PRINTING SYSTEMS	05/12/2022	09/22/2022	1,195.36	0.00	Paid	Y	
21310	VOTER ID CARDS	BRENT KILPELA						09/15/2022
	101-262-727.00	ELECTION SUPPLIES EXPENSE		1,195.36				
224306	PRINTING SYSTEMS	06/30/2022	09/22/2022	317.47	0.00	Paid	Y	
21311	ELECTION SUPPLIES	BRENT KILPELA						09/15/2022
	101-262-727.00	ELECTION SUPPLIES EXPENSE		317.47				
2022-1506	LIVINGSTON GUTTER INC	08/23/2022	09/23/2022	1,040.00	0.00	Paid	Y	
21312	GUTTER INSTALLATION	BRENT KILPELA						09/15/2022
	101-265-930.00	TWP HALL GROUNDS EQUIP REPAIR EXPENSE		1,040.00				
9/14/2022	DTE ENERGY	09/14/2022	10/06/2022	173.19	0.00	Paid	Y	
21313	2700 TOOLEY RD SEPT 2022	BRENT KILPELA						09/19/2022
	592-538-920.00	WWTP ELECTRICITY EXPENSE		173.19				
10402	LOREA TOPSOIL & AGGREGATE	09/13/2022	10/13/2022	360.00	0.00	Paid	Y	
21314	21AA LIMESTONE	BRENT KILPELA						09/19/2022
	592-538-956.00	WWTP MISCELLANEOUS EXPENSE		360.00				
09/19/2022	CARROLL, LINDA	09/19/2022	09/26/2022	29.02	0.00	Paid	Y	
21315	UB refund for account: 0627303073	BRENT KILPELA						09/19/2022
	592-000-214.89	WATER METERED		29.02				
09/19/2022	RECCA, BIRUTE	09/19/2022	09/26/2022	55.20	0.00	Paid	Y	
21316	UB refund for account: 0613302099	BRENT KILPELA						09/19/2022
	592-000-214.89	SEWER METERED		27.00				
	592-000-214.89	WATER METERED		24.87				
	592-000-214.89	READY TO SERVE		3.33				

User: BRENT KILPELA  
 DB: Howell Twp  
 Inv Num Vendor  
 Inv Ref# Description  
 GI Distribution

Inv Num	Description	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnlized
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	942.66	0.00	Paid	Y
21317	2022 Sum Tax Refund 4706-05-200-02	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		942.66			
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	303.67	0.00	Paid	Y
21318	2022 Sum Tax Refund 4706-10-100-01	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		303.67			
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	1,951.92	0.00	Paid	Y
21319	2022 Sum Tax Refund 4706-24-300-00	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		1,951.92			
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	1,861.08	0.00	Paid	Y
21320	2022 Sum Tax Refund 4706-26-201-01	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		1,861.08			
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	852.56	0.00	Paid	Y
21321	2022 Sum Tax Refund 4706-26-202-00	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		852.56			
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	2,073.72	0.00	Paid	Y
21322	2022 Sum Tax Refund 4706-13-301-03	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		2,073.72			
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	1,323.79	0.00	Paid	Y
21323	2022 Sum Tax Refund 4706-13-301-20	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		1,323.79			
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	1,325.52	0.00	Paid	Y
21324	2022 Sum Tax Refund 4706-29-100-01	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		1,325.52			
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	69.16	0.00	Paid	Y
21325	2022 Sum Tax Refund 4706-13-302-03	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		69.16			
09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	1,244.04	0.00	Paid	Y
21326	2022 Sum Tax Refund 4706-28-402-19	BRENT KILPELA					09/19/2022



User: BRENT KILPELA  
 DB: Howell Twp

Inv Num	Vendor	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized
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Inv Ref#	Description	Entered By					Post Date
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09/19/2022	703-000-214.10	TAX DUE TO TAXPAYERS		1,244.04			
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21327	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	1,521.66	0.00	Paid	Y
	2022 Sum Tax Refund 4706-27-304-00	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		1,521.66			

09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	1,317.60	0.00	Paid	Y
21328	2022 Sum Tax Refund 4706-13-301-06	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		1,317.60			

09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	1,118.31	0.00	Paid	Y
21329	2022 Sum Tax Refund 4706-11-401-02	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		1,118.31			

09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	1,290.71	0.00	Paid	Y
21330	2022 Sum Tax Refund 4706-27-304-07	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		1,290.71			

09/19/2022	CORELOGIC CENTRALIZED REFUNDS	09/19/2022	09/26/2022	2,143.43	0.00	Paid	Y
21331	2022 Sum Tax Refund 4706-14-401-02	BRENT KILPELA					09/19/2022
	703-000-214.10	TAX DUE TO TAXPAYERS		2,143.43			

09/19/2022	HOWELL PUBLIC SCHOOLS	09/19/2022	09/30/2022	861,071.18	0.00	Paid	Y
21332	2022 SUMMER TAXES 9/1 - 9/15/2022	BRENT KILPELA					09/19/2022
	703-000-225.00	TAX DUE TO HOWELL SCHLS DEBT SUMMER		861,071.18			

09/19/2022	HOWELL PUBLIC SCHOOLS	09/19/2022	09/30/2022	2,141,742.38	0.00	Paid	Y
21333	2022 SUMMER TAXES 9/1 - 9/15/2022	BRENT KILPELA					09/19/2022
	703-000-225.01	TAX DUE TO HOWELL SCHLS OPER SUMMER		2,141,742.38			

09/19/2022	FOWLERVILLE SCHOOLS	09/19/2022	09/30/2022	14,814.08	0.00	Paid	Y
21334	2022 SUMMER TAXES 9/1 - 9/15/2022	BRENT KILPELA					09/19/2022
	703-000-226.00	TAX DUE TO FOWL SCHLS OPER SUMMER		14,814.08			

09/19/2022	LIVINGSTON COUNTY TREASURER	09/19/2022	09/30/2022	1,913,954.92	0.00	Paid	Y
21335	2022 SUMMER TAXES 9/1 - 9/15/2022	BRENT KILPELA					09/19/2022
	703-000-228.01	TAX DUE TO COUNTY SET SUMMER		1,913,954.92			

User: BRENT KILPELA  
 DB: Howell Twp

Inv Num	Vendor Description	Inv Date	Due Date	Inv Amt	Amt Due	Status	Jrnalized Post Date
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9/19/2022	STATE OF MICHIGAN	09/19/2022	09/30/2022	49,895.38	0.00	Paid	09/19/2022
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21336	2022 SUMMER TAXES 9/1 - 9/15/2022	BRENT KILPELA					
	703-000-230.01	TAX DUE TO STATE IFT SET SUMMER		19,958.15			
	703-000-230.02	TAX DUE TO STATE IFT SCHL OPER SUMMER		29,937.23			

9/19/2022	MICHIGAN DEP AG & RURAL DEVELOPMENT	09/19/2022	09/30/2022	147.59	0.00	Paid	09/19/2022
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21337	2022 SUMMER TAXES 9/1 - 9/15/2022	BRENT KILPELA					
	703-000-230.03	TAX DUE TO STATE - QUAL FOREST EQ FEE		147.59			

9/19/2022	LIV EDUC SERVICE AGENCY	09/19/2022	09/30/2022	1,029,254.99	0.00	Paid	09/19/2022
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21338	2022 SUMMER TAXES 9/1 - 9/15/2022	BRENT KILPELA					
	703-000-227.00	TAX DUE TO LESEA SUMMER		1,029,254.99			

9/19/2022	LIVINGSTON COUNTY TREASURER	09/19/2022	09/30/2022	1,031,408.77	0.00	Paid	09/19/2022
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21339	2022 SUMMER TAXES 9/1 - 9/15/2022	BRENT KILPELA					
	703-000-228.00	TAX DUE TO COUNTY SUMMER		1,031,408.77			

9/20/2022	US POSTMASTER	09/20/2022	09/20/2022	1,500.00	0.00	Paid	09/20/2022
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21340	PERMIT #100	BRENT KILPELA					
	592-537-726.00	UTILITY BILLING POSTAGE EXPENSE		1,500.00			

9/14/2022	G-O WWTP VACTOR PAD	09/14/2022	10/14/2022	298.94	0.00	Paid	09/20/2022
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21341	SANITARY DISPOSAL	BRENT KILPELA					
	592-538-801.00	WWTP CONTRACTED SERVICES EXPENSE		298.94			

S104647994.002	ETNA SUPPLY	08/31/2022	09/30/2022	2,111.00	0.00	Paid	09/20/2022
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21342	PUMP STATION #71 PARTS	BRENT KILPELA					
	592-538-930.01	WWTP COLLECTION SYSTEM REPAIR EXPENSE		2,111.00			

84	HURON CEMETERY MAINT INC	09/15/2022	10/15/2022	500.00	0.00	Paid	09/20/2022
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21343	BRADLEY GOODRICH CREMAINS BURIAL	BRENT KILPELA					
	101-000-641.00	GEN FUND GRAVE OPENING FEES		500.00			

10497	LIVINGSTON COUNTY TREASURER	08/31/2022	09/30/2022	15.00	0.00	Paid	09/20/2022
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21344	GLENN MILLER SOLAR FACILITY TOUR	BRENT KILPELA					
	101-701-720.00	PLANNING EDUCATION EXPENSE		15.00			

User: BRENT KILPELA  
 DB: Howell Twp  
 Inv Num Vendor  
 Inv Ref# Description  
 GL Distribution

Inv Num	Vendor	Description	Inv Date	Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized	Post Date
2166497	CARLISLE WORTMAN ASSOC, INC.	GENERAL CONSULTATION	09/16/2022	BRENT KILPELA	10/16/2022	400.00	0.00	Paid	Y	09/20/2022
21345	GENERAL CONSULTATION	101-701-801.00	PLANNING CONTRACTED PLANNER EXPENSE			400.00				
216596	SPICER GROUP	BD Bond Refund	09/21/2022	BRENT KILPELA	09/28/2022	4,059.50	0.00	Paid	Y	09/19/2022
21346	SPICER GROUP	101-000-203.00	BSP20-0003			4,059.50				
OE-CT-6297-1	SMART BUSINESS SOURCE, LLC	OFFICE SUPPLIES	09/20/2022	BRENT KILPELA	10/20/2022	276.07	0.00	Paid	Y	09/21/2022
21347	SMART BUSINESS SOURCE, LLC	101-265-727.01	TWP HALL OFFICE SUPPLIES EXPENSE			276.07				
OE-55603-1	SMART BUSINESS SOURCE, LLC	OFFICE SUPPLIES	09/20/2022	BRENT KILPELA	10/20/2022	374.55	0.00	Paid	Y	09/21/2022
21348	SMART BUSINESS SOURCE, LLC	101-265-727.01	TWP HALL OFFICE SUPPLIES EXPENSE			374.55				
CS100256	CHLORIDE SOLUTIONS, LLC	DUST CONTROL	09/17/2022	BRENT KILPELA	10/17/2022	12,229.17	0.00	Paid	Y	09/21/2022
21349	CHLORIDE SOLUTIONS, LLC	204-000-802.00	ROAD CHLORIDE EXPENSE			12,229.17				
216661	SPICER GROUP	GENERAL SERVICES	09/19/2022	BRENT KILPELA	10/19/2022	1,333.00	0.00	Paid	Y	09/22/2022
21351	SPICER GROUP	101-447-801.00	ENGINEERING CONTRACTED SVCS EXPENSE			1,333.00				
CS100265	CHLORIDE SOLUTIONS, LLC	DUST CONTROL	09/24/2022	BRENT KILPELA	10/24/2022	6,777.43	0.00	Paid	Y	09/27/2022
21352	CHLORIDE SOLUTIONS, LLC	204-000-802.00	ROAD CHLORIDE EXPENSE			6,777.43				
202698403787	CONSUMERS ENERGY	SEPTEMBER 2022	09/19/2022	BRENT KILPELA	10/14/2022	76.48	0.00	Paid	Y	09/27/2022
21353	CONSUMERS ENERGY	101-265-922.00	TWP HALL NATURAL GAS EXPENSE			76.48				
001418657129	MUTUAL OF OMAHA INSURANCE COMPANY	OCTOBER 2022	09/19/2022	BRENT KILPELA	09/27/2022	168.63	0.00	Paid	Y	09/27/2022
21354	MUTUAL OF OMAHA INSURANCE COMPANY	101-265-721.00	TWP HALL LIFE INSURANCE EXPENSE			168.63				
67454	EVER SO GREEN	ROUND UP APPLICATION	09/23/2022	BRENT KILPELA	10/23/2022	229.00	0.00	Paid	Y	09/27/2022
21355	EVER SO GREEN	ROUND UP APPLICATION	09/23/2022	BRENT KILPELA	10/23/2022	229.00	0.00	Paid	Y	09/27/2022

User: BRENT KILPELA DB: Howell Twp

Inv Num Vendor Inv Date Entered By Due Date Inv Amt Amt Due Status Jrnalized Post Date

Inv Ref# Description GL Distribution TWP HALL GROUNDS CONTRACTED SVCS EXP 229.00

22-5439 ELECTION SOURCE 09/26/2022 BRENT KILPELA 10/26/2022 84.17 0.00 Paid Y 09/27/2022

21356 SECRECY SLEEVES, BADGES 101-262-727.00 ELECTION SUPPLIES EXPENSE 84.17

090141 HART INTERCIVIC INC 09/22/2022 BRENT KILPELA 10/22/2022 160.00 0.00 Paid Y 09/27/2022

21357 2 VERITY KEYS 101-262-727.00 ELECTION SUPPLIES EXPENSE 160.00

# of Invoices: 124 # Due: 0 Totals: 8,099,212.83 0.00

# of Credit Memos: 0 # Due: 0 Totals: 0.00 0.00

Net of Invoices and Credit Memos: 8,099,212.83 0.00

--- TOTALS BY FUND ---

101 - GENERAL FUND 40,311.04 0.00

204 - ROAD FUND 141,761.11 0.00

592 - SWR/WTR 68,990.62 0.00

701 - TRUST & AGENCY 2,838.50 0.00

703 - TAX FUND 7,845,311.56 0.00

--- TOTALS BY DEPT/ACTIVITY ---

000 - OTHER 7,999,586.13 0.00

101 - TOWNSHIP BOARD 160.00 0.00

247 - BOARD OF REVIEW 85.80 0.00

262 - ELECTIONS 4,422.00 0.00

265 - TOWNSHIP HALL 7,656.32 0.00

268 - TOWNSHIP AT LARGE 14,880.18 0.00

276 - CEMETERY 845.00 0.00

442 - WWTP 1,602.18 0.00

447 - ENGINEERING 2,100.50 0.00

537 - CHARGES FOR SERVICES 1,500.00 0.00

538 - WWTP 65,804.22 0.00

701 - PLANNING 480.50 0.00

703 - ZONING BOARD OF APPEALS 90.00 0.00

*Agrees with Clerk Register BK*

Check Date	Bank	Check	Vendor Name	Amount
Bank GEN GENERAL FUND CHECKING				
09/07/2022	GEN	101001754(E)	CONSUMERS ENERGY	32.76
09/07/2022	GEN	18195	BRAMLETT HARDWARE & HEATING CO.	7,200.00
09/07/2022	GEN	18196	CINTAS CORPORATION	81.47
09/07/2022	GEN	18197	COMCAST	438.52
09/07/2022	GEN	18198	DTE ENERGY	443.18
09/07/2022	GEN	18199	LEPPEK LANDSCAPES & NURSERY	2,750.00
09/07/2022	GEN	18200	LIVINGSTON COUNTY CLERK	2,450.00
09/07/2022	GEN	18201	MICRO WORKS COMPUTING, INC	525.50
09/07/2022	GEN	18202	CHESTNUT DEVELOPMENT	117.37
09/07/2022	GEN	18203	MUTUAL OF OMAHA INSURANCE COMPANY	168.63
09/07/2022	GEN	18204	PERFECT MAINTENANCE	195.00
09/07/2022	GEN	18205	PITNEY BOWES GLOBAL FINANCIAL SERV.	403.98
09/07/2022	GEN	18206	PURCHASE POWER	1,598.12
09/07/2022	GEN	18207	SPICER GROUP	3,333.25
09/13/2022	GEN	18208	ABSOPURE	12.00
09/13/2022	GEN	18209	COMPLETE OUTDOOR SERVICES, INC.	845.00
09/13/2022	GEN	18210	FAHEY SCHULTZ BURZYCH RHODES PLC	7,302.50
09/13/2022	GEN	18211	GRANGER WASTE SERVICES	20.71
09/13/2022	GEN	18212	LIVINGSTON COUNTY ROAD COMMISSION	111,366.69
09/13/2022	GEN	18213	CHLORIDE SOLUTIONS, LLC	11,387.82
09/13/2022	GEN	18214	MS ULTRASONIC TECHNOLOGY, LLC	750.00
09/13/2022	GEN	18215	MICHIGAN TWP ASSOC	25.00
09/13/2022	GEN	18216	SMART BUSINESS SOURCE, LLC	173.90
09/13/2022	GEN	18217	LIVINGSTON COUNTY TREASURER	85.80
09/13/2022	GEN	18218	TRINITY HEALTH EPIC - PP	190.00
09/27/2022	GEN	101001755(E)	CONSUMERS ENERGY	76.48
09/27/2022	GEN	101001756(E)	DTE ENERGY	576.62
09/27/2022	GEN	18219	CARLISLE WORTMAN ASSOC, INC.	400.00
09/27/2022	GEN	18220	ELECTION SOURCE	84.17
09/27/2022	GEN	18221	EVER SO GREEN	229.00
09/27/2022	GEN	18222	HART INTERCIVIC INC	160.00
09/27/2022	GEN	18223	HURON CEMETERY MAINT INC	500.00
09/27/2022	GEN	18224	LIVINGSTON DAILY PRESS & ARGUS	250.00
09/27/2022	GEN	18225	LIVINGSTON GUTTER INC	1,040.00
09/27/2022	GEN	18226	CHLORIDE SOLUTIONS, LLC	19,006.60
09/27/2022	GEN	18227	MICRO WORKS COMPUTING, INC	112.50
09/27/2022	GEN	18228	MUTUAL OF OMAHA INSURANCE COMPANY	168.63
09/27/2022	GEN	18229	PRINTING SYSTEMS	1,512.83
09/27/2022	GEN	18230	SMART BUSINESS SOURCE, LLC	650.62
09/27/2022	GEN	18231	SPICER GROUP	5,392.50
09/27/2022	GEN	18232	LIVINGSTON COUNTY TREASURER	15.00

GEN TOTALS:

Total of 41 Checks:	182,072.15
Less 0 Void Checks:	0.00
Total of 41 Disbursements:	182,072.15

Bank T&A TRUST & AGENCY CHECKING

09/01/2022	T&A	3548	MHOG	2,012.00
09/01/2022	T&A	3549	LIVINGSTON COUNTY TREASURER	762.50
09/01/2022	T&A	3550	LIVINGSTON COUNTY TREASURER	64.00

T&A TOTALS:

Total of 3 Checks:	2,838.50
Less 0 Void Checks:	0.00
Total of 3 Disbursements:	2,838.50

Bank TAX TAX CHECKING

09/01/2022	TAX	5695	FOWLERVILLE SCHOOLS	6,875.05
09/01/2022	TAX	5696	HOWELL PUBLIC SCHOOLS	85,138.65
09/01/2022	TAX	5697	HOWELL PUBLIC SCHOOLS	286,416.80
09/01/2022	TAX	5698	LIV EDUC SERVICE AGENCY	104,544.16
09/01/2022	TAX	5699	COVIUS MORTGAGE SOLUTIONS	70.00
09/01/2022	TAX	5700	LIVINGSTON COUNTY TREASURER	195,874.87
09/01/2022	TAX	5701	LIVINGSTON COUNTY TREASURER	104,762.91
09/20/2022	TAX	5702	CORELOGIC CENTRALIZED REFUNDS	19,339.83
09/20/2022	TAX	5703	FOWLERVILLE SCHOOLS	14,814.08
09/20/2022	TAX	5704	HOWELL PUBLIC SCHOOLS	861,071.18
09/20/2022	TAX	5705	HOWELL PUBLIC SCHOOLS	2,141,742.38
09/20/2022	TAX	5706	LIV EDUC SERVICE AGENCY	1,029,254.99
09/20/2022	TAX	5707	MICHIGAN DEP AG & RURAL DEVELOPMENT	147.59
09/20/2022	TAX	5708	STATE OF MICHIGAN	49,895.38

Check Date	Bank	Check	Vendor Name	Amount
09/20/2022	TAX	5709	LIVINGSTON COUNTY TREASURER	1,913,954.92
09/20/2022	TAX	5710	LIVINGSTON COUNTY TREASURER	1,031,408.77

TAX TOTALS:

Total of 16 Checks:	7,845,311.56
Less 0 Void Checks:	0.00
Total of 16 Disbursements:	7,845,311.56

Bank UTYCK UTILITY CHECKING

09/06/2022	UTYCK	2928	BYRUM ACE HARDWARE	131.84
09/06/2022	UTYCK	2929	ETNA SUPPLY	1,187.00
09/06/2022	UTYCK	2930	GENOA TOWNSHIP DPW	47,773.98
09/06/2022	UTYCK	2931	GRAINGER	176.57
09/06/2022	UTYCK	2932	K & J ELECTRIC, INC	95.00
09/06/2022	UTYCK	2933	LOREA TOPSOIL & AGGREGATE	778.04
09/06/2022	UTYCK	2934	NORTHWEST PIPE AND SUPPLY, INC	27.68
09/06/2022	UTYCK	2935	PARKSON CORPORATION	652.28
09/06/2022	UTYCK	2936	PVS TECHNOLOGIES, INC	6,210.51
09/06/2022	UTYCK	2937	SCHUTZ HEATING	949.90
09/06/2022	UTYCK	590003660 (E)	AT&T	247.82
09/06/2022	UTYCK	590003661 (E)	CONSUMERS ENERGY	93.08
09/06/2022	UTYCK	590003662 (E)	CONSUMERS ENERGY	22.40
09/06/2022	UTYCK	590003663 (E)	CONSUMERS ENERGY	104.37
09/06/2022	UTYCK	590003664 (E)	DTE ENERGY	34.45
09/06/2022	UTYCK	590003665 (E)	DTE ENERGY	504.05
09/20/2022	UTYCK	2938	ETNA SUPPLY	2,111.00
09/20/2022	UTYCK	2939	G-O WWTP VACTOR PAD	298.94
09/20/2022	UTYCK	2940	KISM, LLC	819.00
09/20/2022	UTYCK	2941	LOREA TOPSOIL & AGGREGATE	360.00
09/20/2022	UTYCK	2942	CARROLL, LINDA	29.02
09/20/2022	UTYCK	2943	RECCA, BIRUTE	55.20
09/20/2022	UTYCK	2944	US POSTMASTER	1,500.00
09/20/2022	UTYCK	590003666 (E)	DTE ENERGY	98.10
09/20/2022	UTYCK	590003667 (E)	DTE ENERGY	103.14
09/20/2022	UTYCK	590003668 (E)	DTE ENERGY	3,608.36
09/20/2022	UTYCK	590003669 (E)	DTE ENERGY	327.86
09/20/2022	UTYCK	590003670 (E)	DTE ENERGY	213.21
09/20/2022	UTYCK	590003671 (E)	DTE ENERGY	20.50
09/20/2022	UTYCK	590003672 (E)	DTE ENERGY	184.47
09/20/2022	UTYCK	590003673 (E)	DTE ENERGY	99.66
09/20/2022	UTYCK	590003674 (E)	DTE ENERGY	173.19

UTYCK TOTALS:

Total of 32 Checks:	68,990.62
Less 0 Void Checks:	0.00
Total of 32 Disbursements:	68,990.62

REPORT TOTALS:

Total of 92 Checks:	8,099,212.83
Less 0 Void Checks:	0.00
Total of 92 Disbursements:	8,099,212.83

*Agrees with Invoice  
Register BK*