

MARION TOWNSHIP
BOARD OF TRUSTEES
REGULAR MEETING
Thursday, April 18, 2024
7:30 pm

THIS MEETING WILL BE HELD IN PERSON WITH ONLINE PARTICIPATION OPTIONS

Call to Order

Pledge of Allegiance

Members Present/Members Absent

Call to the Public

- 1) Approval of the Agenda
- 2) Consent Agenda
 - a. March 28, 2024 Regular Meeting Minutes
 - b. March 2024 Sherrif Report
 - c. Complaint Report
 - d. March Financial Report
 - e. Investment Report
 - f. Zoning Report
 - g. DPW Report
- 3) Final Review of TXT #02-23 Wellhead Protection Overlay
- 4) 2024 Marion Township Road Projects
- 5) Francis Road Paving
- 6) Allocation Budget
- 7) Budget to Actual
- 8) PDR Millage
- 9) ZBA Appointments
- 10) GIS Ortho Photos
- 11) Marion Township Walking Path

Correspondence and Updates

Call to the Public

Adjournment

Next Board Packet will be ready after 3 pm on Thursday, May 2, 2024.

MARION TOWNSHIP
BOARD OF TRUSTEES
REGULAR MEETING
MARCH 28, 2024

MEMBERS PRESENT: Scott Lloyd, Tammy Beal, Les Andersen, Dan Lowe, Sandy Donovan, Bob Hanvey, and Greg Durbin

MEMBERS ABSENT: None

CALL TO ORDER

Bob Hanvey called the meeting to order at 7:30 pm. The meeting is also available to attend online.

PLEDGE OF ALLEGIANCE

BOARD MEMBERS PRESENT

The board members introduced themselves.

CALL TO THE PUBLIC

No response.

APPROVAL OF AGENDA

Item #8 Online Meetings was added to the agenda. Les Andersen motioned to approve the agenda as amended. Tammy Beal seconded. **Motion carried.**

CONSENT AGENDA

Les Andersen motioned to approve the consent agenda as presented. Scott Lloyd seconded. **Motion carried.**

CHLORIDE SOLUTIONS 2024 DUST CONTROL QUOTE

Tammy Beal said the Livingston County Road Commission will be doing the first application in April/early May. The township would pay for the second and third applications.

Les Andersen motioned to accept the quote from Chloride Solutions for 2024 dust control, as presented. Scott Lloyd seconded. Roll call vote: Andersen, Donovan, Beal, Durbin, Lloyd, Hanvey, Lowe—all yes. **Motion carried 7-0.**

2024 MARION TOWNSHIP ROAD PROJECTS

An estimate was received from LCRC for improvements on Davis Road. Dan Lowe said he doesn't think it needs 6" of gravel, just more ditching. It was suggested that he walk the road with the foreman to better understand what improvements will be made.

Tammy Beal motioned to have Dan Lowe contact the LCRC District 4 foreman regarding Davis Road. Les Andersen seconded. **Motion carried.**

FRANCIS ROAD PAVING

Bob Hanvey said he is still waiting for input from the attorney and MTA on whether this type of SAD can be done. No action on this item at this time.

BUDGET AMENDMENTS

Sandy Donovan motioned to adopt a resolution to approve the proposed budget amendments for FY ending 6/30/24, as presented. Tammy Beal seconded. Roll call vote: Durbin, Donovan, Hanvey, Lloyd, Beal, Andersen, Lowe—all yes. **Resolution passed 7-0.**

MARION TOWNSHIP WEBSITE

Bob Hanvey updated the board members on this project. He is working on going through all of the information on the old website to transfer over.

ONLINE MEETINGS

Les Andersen said he feels there should be cameras so those attending online can see both the podium and the board members. The board members discussed the new sound system; the microphones don't seem to be suitable. Tammy Beal will get more information on both cameras and different microphones.

CORRESPONDENCE & UPDATES

Dan Lowe said he thinks that Mayhew's may be able to save the large tree in front of the hall. He will contact them.

Bob Hanvey said he has three concerns regarding the request to farm the land in HVM Phase 3: the property is zoned UR; if it's being used for a non-public purpose, it's taxable; he would like to wait until the situation is resolved with the City of Howell.

Bob Hanvey met with the City of Howell Board of Review; no decision has been received yet.

Dan Lowe said he has the information for the nuisance ordinance and will forward to the office.

CALL TO THE PUBLIC

No response.

ADJOURNMENT

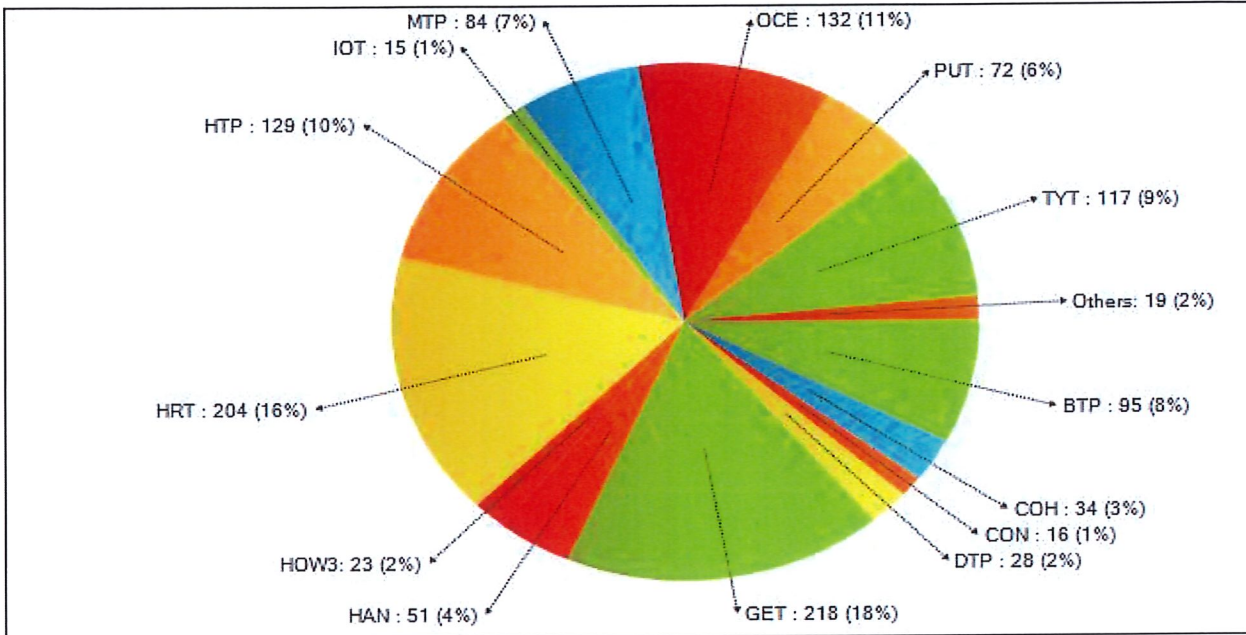
Les Andersen motioned to adjourn at 7:54 pm. Tammy Beal seconded. **Motion carried.**

Submitted by: S. Longstreet

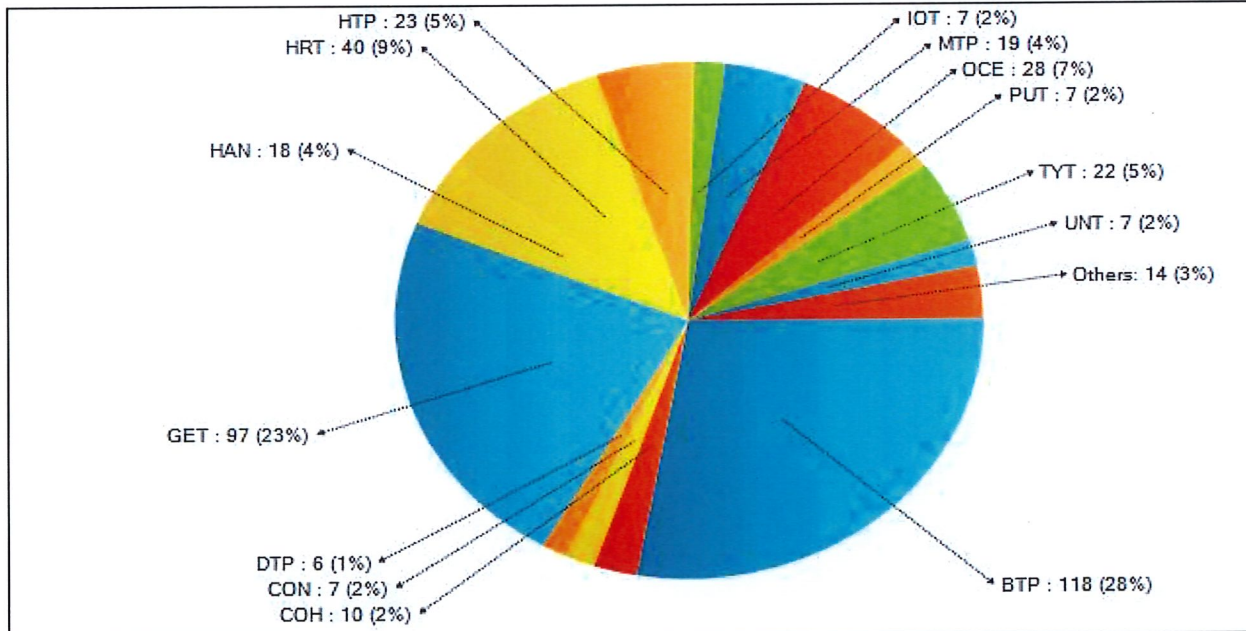
Tammy L. Beal, Township Clerk Date

Robert W. Hanvey, Township Supervisor Date

LIVINGSTON COUNTY SHERIFF'S OFFICE MARCH 2024 CALLS FOR SERVICE



MICHIGAN STATE POLICE MARCH 2024 CALLS FOR SERVICE



LIVINGSTON COUNTY SHERIFF'S OFFICE

MARION TOWNSHIP MARCH 2024

Nature	# Events
911 HANG UP	1
ALARM	6
ANIMAL COMPLAINT	6
ASSIST EMS	3
ASSIST OTHER AGENCY	2
BURGLARY IN PROGRESS	3
CARDIAC/RESPIRATORY ARREST	1
CITIZEN ASSIST	3
CIVIL COMPLAINT	2
CRIMINAL SEXUAL CONDUCT REPORT	1
CUSTODY DISPUTE	1
DISTURBANCE/TROUBLE	1
DOMESTIC PHYSICAL IN PROGRESS	1
DOMESTIC VERBAL	1
FOLLOW UP	1
FRAUD	1
HAZARD	3
INTIMIDATION THREATS HARASSMEN	7
JUVENILE COMPLAINT	1
LARCENY	2
LOCKOUT	1
LOUD PARTY	1
MDOP	1
MENTAL/CMH/PSYCH	1
MOTORIST ASSIST	2
OVERDOSE/INGESTION	1
PARK/TRAF COMP	2
PDA	7
PERSONAL INJURY ACCIDENT	1
POISONING	1
SUSPICIOUS PERSON	4
SUSPICIOUS VEHICLE	2
TRAFFIC VIO/ARREST	1
UNKNOWN ACCIDENT	2
VEH UDAA REPORT	1
WELFARE CHECK	9
TOTAL:	84

MARION TOWNSHIP

<u>MONTH</u>	<u>CALLS FOR SERVICE</u>	<u>TICKETS WRITTEN</u>	<u>ARRESTS</u>
JANUARY	76	7	2
FEBRUARY	59	10	1
MARCH	84	6	4
APRIL			
MAY			
JUNE			
JULY			
AUGUST			
SEPTEMBER			
OCTOBER			
NOVEMBER			
DECEMBER			
YTD TOTALS:	219	23	7

March 2024	NUMBER OF CALLS	RESPONSE TIME CONTRACT TIME	NUMBER OF CALLS	RESPONSE TIME NON CONTRACT TIME	TOTAL
<u>TOWNSHIP</u>					
BRIGHTON	34	31:03	61	29:44	95
COHOCTAH	16	1:10:54	18	32:57	34
CONWAY	9	46:58	7	35:31	16
DEERFIELD	15	1:02:42	13	35:36	28
GENOA	86	39:47	132	28:05	218
HANDY	23	36:40	28	33:00	51
HARTLAND	81	24:05	123	19:01	204
HOWELL	62	29:21	67	24:37	129
IOSCO	8	1:21:20	7	47:42	15
MARION	37	38:36	47	27:26	84
OCEOLA	47	28:54	85	27:36	132
PUTNAM	32	17:40	40	42:25	72
TYRONE	69	10:18	47	47:56	116

COMPLAINT LOG

Complaint #	Complainant Name	Offender Name	Complaint Details	Action Taken	Date Violation	Show Cause Date	Resolved
#01-24	Pat Debottis	3745 Pinckney Rd	Blight				
	2517 Black Eagle	2525 Pinckney Rd	Blight				

GENERAL FUND CHECKING

Previous Balance	\$	2,216,306.07
Receipts	\$	8,043.83
Interest	\$	-
	\$	<u>2,224,349.90</u>
Expenditures	\$	223,090.57
Balance	\$	<u>2,001,259.33</u>

CEMETERY FUND

Previous Balance	\$	74,636.06
Receipts	\$	1,000.00
Interest	\$	53.69
	\$	<u>75,689.75</u>
Expenditures	\$	300.00
Balance	\$	<u>75,389.75</u>

PARKS & RECREATION FUND

Previous Balance	\$	10,170.08
Receipts	\$	20,000.00
Interest	\$	2.54
	\$	<u>30,172.62</u>
Expenditures	\$	8,021.30
Balance	\$	<u>22,151.32</u>

WATER - NEW USER

Previous Balance	\$	355,856.73
Receipts	\$	65,739.00
Interest	\$	369.33
	\$	<u>421,965.06</u>
Expenditures	\$	63,000.00
Balance	\$	<u>358,965.06</u>

SEWER OPERATING & MANAGEMT

Previous Balance	\$	297,428.73
Receipts	\$	60,571.40
Interest	\$	291.36
		<hr/>
	\$	358,291.49
Expenditures	\$	37,647.58
		<hr/>
Balance	\$	320,643.91

SEWER - NEW USER

Previous Balance	\$	1,608,732.16
Receipts	\$	157,250.00
Interest	\$	2,298.70
		<hr/>
	\$	1,768,280.86
Expenditures	\$	-
		<hr/>
Balance	\$	1,768,280.86

SPEC ASSESS. FUND

Previous Balance	\$	304,860.22
Receipts	\$	2,428.70
Interest	\$	314.97
		<hr/>
	\$	307,603.89
Expenditures	\$	1,950.00
		<hr/>
Balance	\$	305,653.89

ESCROW FUND

Previous Balance	\$	84,178.34
Receipts	\$	-
Interest	\$	60.19
		<hr/>
	\$	84,238.53
Expenditures	\$	-
		<hr/>
Balance	\$	84,238.53

SUMMARY TOTALS

General Fund	\$	2,001,259.33
Cemetery Fund	\$	75,389.75
Parks & Rec Capital Chk	\$	22,151.32
Water - New User	\$	358,965.06
Sewer Operating & Mana	\$	320,643.91
Sewer - New User	\$	1,768,280.86
Special Assess. Fund	\$	305,653.89
Escrow Fund	\$	84,238.53
		<hr/>
TOTAL	\$	4,936,582.65

Ref: Financial Report JULY 2020

INTEREST EARNED REPORT FY2024

INVESTMENT INTEREST EARNED REPORT FY2024

GENERAL FUND	BALANCE 6/30/2023	July	Aug	Sept	1st QTR	Oct	Nov	Dec	2nd QTR	Jan	Feb	Mar	3rd QTR	EARN YTD	BALANCE
FNBH Sav #191599	\$ 323,143.24	\$ 301.93	\$ 346.54	\$ 346.01	\$ 994.48	\$ 357.94	\$ 346.77	\$ 358.72	\$ 1,053.43	\$ 359.10	\$ 336.28	\$ 359.86	\$ 1,057.24	\$ 3,113.15	\$ 326,256.39
FNBH Land Acq #191342	\$ 253,006.74	\$ 236.35	\$ 271.27	\$ 270.88	\$ 778.50	\$ 280.21	\$ 271.47	\$ 280.82	\$ 832.50	\$ 283.39	\$ 263.20	\$ 377.59	\$ 864.38	\$ 2,475.38	\$ 305,517.95
FNBH GEN CHECKING #1C	\$ 2,951,745.69	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,738.38	\$ 2,001,259.33
The State Bank #37106 CD	\$ 252,667.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,619.77	\$ 263,406.12
Flagstar Bank #427853054	\$ 128,751.40	\$ -	\$ -	\$ -	\$ -	\$ 4,619.77	\$ -	\$ -	\$ 4,619.77	\$ -	\$ -	\$ -	\$ -	\$ 4,619.77	\$ 133,371.17
Flagstar Bank #128018365	\$ 113,871.27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 113,871.27
Horizon Bank # 199613	\$ 239,627.67	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 239,627.67
Monthly Totals	\$ 4,262,813.75	\$ 538.28	\$ 617.81	\$ 616.89	\$ 1,772.98	\$ 5,257.92	\$ 618.24	\$ 639.54	\$ 6,515.70	\$ 11,381.07	\$ 599.48	\$ 677.45	\$ 12,558.00	\$ 20,946.68	\$ 3,383,309.90

WATER FUND

WATER NU #205856	\$ 345,057.56	\$ 308.75	\$ 337.98	\$ 317.30	\$ 964.02	\$ 355.55	\$ 338.77	\$ 320.69	\$ 1,015.01	\$ 368.16	\$ 329.97	\$ 369.33	\$ 1,067.45	\$ 3,046.50	\$ 358,965.06
Monthly Totals	\$ 345,057.56	\$ 308.75	\$ 337.98	\$ 317.30	\$ 964.02	\$ 355.55	\$ 338.77	\$ 320.69	\$ 1,015.01	\$ 368.16	\$ 329.97	\$ 369.33	\$ 1,067.45	\$ 3,046.50	\$ 358,965.06

SEWER FUND

GIBC CD # 6981321	\$ 209,334.76	\$ 206.05	\$ 211.02	\$ 242.79	\$ 659.86	\$ 265.19	\$ 265.49	\$ 256.51	\$ 787.19	\$ 329.53	\$ 262.95	\$ 291.36	\$ 832.64	\$ 2,330.89	\$ 218,885.66
FNBH Sew OM #194910	\$ 261,400.07	\$ 350.39	\$ 350.38	\$ 599.16	\$ 1,300.52	\$ 825.53	\$ 802.06	\$ 831.96	\$ 2,459.55	\$ 835.25	\$ 784.45	\$ 841.64	\$ 2,451.34	\$ 6,221.42	\$ 320,643.91
MSUFCU CD # X225	\$ 207,731.67	\$ 1,562.50	\$ 1,690.75	\$ 1,667.77	\$ 4,921.02	\$ 1,725.74	\$ 1,672.39	\$ 1,730.51	\$ 5,128.64	\$ 1,732.92	\$ 1,623.33	\$ 1,737.65	\$ 5,058.80	\$ 15,143.56	\$ 1,240,996.58
FNBH Sew NOW #206029	\$ 1,225,853.02	\$ 1,880.89	\$ 2,026.95	\$ 2,000.25	\$ 5,888.09	\$ 2,092.07	\$ 2,073.87	\$ 2,140.55	\$ 6,306.49	\$ 2,167.85	\$ 2,035.12	\$ 2,298.70	\$ 6,591.67	\$ 18,696.25	\$ 1,768,280.86
FNBH Sew NU #5102405	\$ 1,477,278.21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,682.49	\$ -	\$ -	\$ 7,682.49	\$ 7,682.49	\$ 1,484,960.70
Mercantile Bank #4300172	\$ 204,790.53	\$ 2,972.71	\$ 2,981.22	\$ 2,893.13	\$ 8,847.06	\$ 3,712.19	\$ 4,565.99	\$ 4,738.92	\$ 13,017.10	\$ 4,760.09	\$ 4,472.27	\$ 4,801.35	\$ 14,033.71	\$ 35,897.87	\$ 1,079,279.39
CBIC CDARS #1023732161	\$ 1,043,381.52	\$ 3,094.99	\$ 3,104.33	\$ 3,013.12	\$ 9,212.43	\$ 3,122.79	\$ 3,031.04	\$ 3,141.37	\$ 9,285.20	\$ 3,150.86	\$ 2,956.20	\$ 3,169.32	\$ 9,276.38	\$ 27,784.01	\$ 1,052,794.49
CBIC CDARS #1023732161	\$ 5,654,780.26	\$ 10,047.52	\$ 10,365.29	\$ -	\$ 20,412.77	\$ -	\$ -	\$ -	\$ -	\$ 20,658.99	\$ 21,683.22	\$ 13,140.02	\$ 35,434.23	\$ 75,897.00	\$ 5,654,512.51
Monthly Totals	\$ 10,262,651.57	\$ 10,894.55	\$ 11,321.04	\$ 934.19	\$ 23,149.78	\$ 5,613.47	\$ 957.01	\$ 960.23	\$ 7,530.71	\$ 32,408.22	\$ 22,614.67	\$ 14,186.80	\$ 38,229.69	\$ 99,890.18	\$ 8,796,787.47

Grand Total	\$ 10,262,651.57	\$ 10,894.55	\$ 11,321.04	\$ 934.19	\$ 23,149.78	\$ 5,613.47	\$ 957.01	\$ 960.23	\$ 7,530.71	\$ 32,408.22	\$ 22,614.67	\$ 14,186.80	\$ 38,229.69	\$ 99,890.18	\$ 8,796,787.47
1st Qtr (Jul-Sept)	\$ 23,149.78														
2nd Qtr (Oct-Dec)	\$ 7,530.71														
3rd Qtr (Jan-Mar)	\$ 69,209.69														
4th Qtr (Mar-Jun)	\$ -														
July to June Total	\$ 99,890.18														

Cemetery	\$ 62,622.62	\$ 37.15	\$ 64.63	\$ 62.58	\$ 164.36	\$ 68.25	\$ 58.16	\$ 53.62	\$ 180.03	\$ 60.68	\$ 53.31	\$ 53.69	\$ 167.63	\$ 512.07	\$ 75,389.75
Parks	\$ 30,453.92	\$ 17.88	\$ 23.12	\$ 19.35	\$ 60.35	\$ 14.85	\$ 10.82	\$ 10.31	\$ 35.98	\$ 10.09	\$ 7.31	\$ 2.54	\$ 13.94	\$ 116.27	\$ 22,151.32
LockBox	\$ 202,645.00	\$ 23.58	\$ -	\$ 5.92	\$ 29.50	\$ 7.69	\$ 8.53	\$ 0.05	\$ 15.27	\$ 0.34	\$ 4.36	\$ 0.32	\$ 5.02	\$ 50.79	\$ 2,650.72
Flexible	\$ 13,340.56	\$ 8.42	\$ 10.23	\$ 9.86	\$ 28.51	\$ 10.70	\$ 9.69	\$ 13.17	\$ 33.55	\$ 21.21	\$ 11.16	\$ 11.41	\$ 43.75	\$ 105.85	\$ 15,494.55
Private Rd	\$ 2248	\$ 186.72	\$ 206.54	\$ 201.63	\$ 594.89	\$ 204.83	\$ 194.80	\$ 198.16	\$ 587.79	\$ 233.31	\$ 299.86	\$ 314.97	\$ 848.14	\$ 2,040.82	\$ 305,653.89
Escrow	\$ 4099	\$ 47.42	\$ 59.99	\$ 59.78	\$ 167.19	\$ 66.01	\$ 61.93	\$ 59.75	\$ 187.85	\$ 67.63	\$ 60.17	\$ 60.19	\$ 187.85	\$ 542.87	\$ 84,238.53
Curr Tax	\$ 2673	\$ 4,975.26	\$ 942.49	\$ 5,697.19	\$ 6,998.81	\$ 111.60	\$ 39.35	\$ 584.92	\$ 735.87	\$ 3,197.31	\$ 1,081.82	\$ 187.35	\$ 4,460.48	\$ 12,195.16	\$ 64,573.55
Dealing Tax	\$ 0313	\$ 1.39	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1.39
Relief	\$ 2464	\$ 1,184,516.16	\$ 1,455.43	\$ 1,582.04	\$ 1,273.70	\$ 947.59	\$ 783.79	\$ 789.59	\$ 2,500.97	\$ 792.15	\$ 741.32	\$ 792.83	\$ 2,326.39	\$ 9,138.44	\$ 573,653.52
TOTAL	\$ 1,783,268.51	\$ 1,455.43	\$ 1,582.04	\$ 1,273.70	\$ 4,311.17	\$ 947.59	\$ 783.79	\$ 789.59	\$ 2,500.97	\$ 792.15	\$ 741.32	\$ 792.83	\$ 2,326.39	\$ 9,138.44	\$ 573,653.52
TOTAL	\$ 35,504.56				\$ 12,354.78				\$ 4,268.16				\$ 2,059.33	\$ 24,702.27	\$ 124,592.45

MARION TOWNSHIP
2877 W. COON LAKE ROAD
HOWELL, MI 48843
Phone 517-546-1588
Fax 517-546-6622

TRANSMITTAL

TO: Board of Trustees

DATE April 18, 2024
PROJECT **FINAL REVIEW**
Revised Text Amendment
TXT# 02-23 Wellhead Protection
Overlay District Replaces 6.27

VIA Hand Delivery

WE ARE SENDING: Herewith Under Separate Cover

THE FOLLOWING:

- TXT# 02-23 Wellhead Protection & Map
- Livingston County Planning Commission review dated February 21, 2024
- Review email from Attorney dated February 1, 2024
- Planning Commission minutes from March 26, 2024 meeting

FOR YOUR: approval/ denial as requested
 other review & comment

REMARKS:

This information is for a **Review and Adoption**. Let me know if you have any questions.

FROM: Dave Hamann, Zoning Administrator

Copy: file

WELLHEAD PROTECTION OVERLAY DISTRICT

**Marion Township Zoning Ordinance
Livingston County, Michigan**

Draft 03-15-2024

MARION TOWNSHIP
WELLHEAD PROTECTION OVERLAY DISTRICT ZONING ORDINANCE
AMENDMENT

An amendment to the Marion Township Zoning Ordinance to add definitions related to wellhead protection, amend/establish a wellhead protection overlay district, establish use and developmental standards for wellhead protection overlay districts, and establish procedures and enforcement for wellhead protection overlay districts.

1. AMENDMENT OF ARTICLE III: DEFINITIONS

Section 3.02 Definitions of the Zoning Ordinance is hereby amended to add the following wellhead protection definitions, which shall be placed in alphabetical order with existing definitions and shall read as:

Aquifer: A geologic formation composed of rock or sand and gravel that contain significant amounts of potentially recoverable potable water.

Discharge: Discharge includes, but is not limited to, any spilling, leaking, seeping, pouring, misapplying, emitting, emptying, or dumping of any pollutants prohibited by law or regulation, that affects surface water or groundwater.

Impervious Surface: Materials or structures on or above the ground that do not allow precipitation to infiltrate the underlying soil.

Regulated Substances: With respect to wellhead protection: 1. Substances for which there is a safety data sheet, as established by the United States Occupational Safety and Health Administration, and that cites possible health hazards for said substance; 2. Hazardous Waste, as defined by the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976, as amended; 3. Hazardous Substance, as defined by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) when the hazardous substance is the focus of remedial or removal action being conducted under CERCLA in accordance with the U.S. EPA regulations; 4. Radiological materials; and 5. Biohazards.

Wellhead Protection Area: The surface and subsurface area surrounding a public water supply well or well field through which contaminants, if discharged, are reasonably likely to move toward and reach the well or the well field. This area is also known as the zone of contribution that contributes groundwater to the well or well field. Wellhead Protection Areas for both the City of Howell and MHOG are present in areas of the Township.

2. AMENDMENT OF ARTICLE VI: GENERAL PROVISIONS

Section 6.27 Wellhead Protection and Hazardous Substance Overlay Zone of the Zoning Ordinance is hereby deleted and reserved for future use, which shall read as follows:

Reserved for future use.

3. ADDITION OF ARTICLE XIIA: WELLHEAD PROTECTION OVERLAY DISTRICT

Article XXIIA Wellhead Protection Overlay District to the Zoning Ordinance is hereby added, which shall read as follows:

ARTICLE XIIA: WELLHEAD PROTECTION OVERLAY DISTRICT

Section 12A.01 Intent

The Wellhead Protection Overlay District is intended to provide supplemental developmental regulations in the designated wellhead protection areas to protect and preserve the surface and groundwater resources of the Township and the region from any use of land or buildings or hazardous materials that may reduce the quality or quantity of water resources; protect drinking water sources from long-term contamination; minimize economic impacts and legal liability; and recognize the importance of protecting groundwater to provide a safe drinking water supply for the Township. This Wellhead Protection Overlay District has been created in coordination with the Marion, Howell, Oceola, and Genoa Sewer and Water Authority's (MHOG) Wellhead Protection Plans drafted by Wood Environment and Infrastructure Solutions. This Wellhead Protection Overlay District was also created in conjunction with the City of Howell and Howell Township.

Section 12A.02 Scope of Regulation

The Wellhead Protection Overlay District is an overlay zoning district that imposes a set of requirements in addition to those of the underlying zoning district. In an area where an overlay district is established, the property is located simultaneously in the two (2) districts, and the property may be developed only under the applicable conditions and requirements of both districts. In the event there is a conflict between the requirements of the two (2) districts, the requirements of the Wellhead Protection Overlay District shall prevail.

Section 12A.03 District Delineation

- A. **Delineation:** The Wellhead Protection Overlay District includes all lands within the Marion, Howell, Oceola, and ~~Geona~~-Genoa Sewer and Water Authority's Wellhead Protection Areas, including recharge areas of groundwater aquifers and watershed areas that lie within the wellhead protection area that now or may in the future provide public water supply. If the wellhead protection area includes a portion of the lot, the entire lot shall be considered to be within the Wellhead Protection Overlay District.

- B. **Interpretation of District Boundaries:** Where the boundaries delineated are in doubt or in dispute, the burden of proof shall be upon the owner of the land in question to show whether the property should be located in the Wellhead Protection Overlay District. At the request of the owner, the Township may engage the services of a qualified professional to determine more accurately the location and extent of an aquifer within the wellhead protection area. The Township shall charge the owner for all or a part of the investigation.

Section 12A.04 Site Plan Review Required

All proposed new or expanded structures or uses within in the Wellhead Protection Overlay District, except single-family uses, shall be subject to site plan review, pursuant to Article XVIII Site Plan Requirements.

Section 12A.05 Materials to be Submitted for Site Plan Review

In addition to the data requirements of Article XVIII Site Plan Requirements, each application for site plan review within the Wellhead Protection Overlay District shall be accompanied by, at a minimum, the following:

- A. **List of Regulated Substances:** A complete list of chemicals, pesticides, fuels, and other Regulated Substances to be used or stored on the premises. Businesses that use or store such Regulated Substances shall file a management plan with the Fire Chief. The management plan shall include the following, at minimum:
 - 1. Provisions to protect against the discharge of Regulated Substances or wastes to the environment due to spillage, accidental damage, corrosion, leakage or vandalism, including spill containment and clean-up procedures;
 - 2. Provisions for indoor, secured storage of Regulated Substances and wastes with impervious floor surfaces;
 - 3. Evidence of compliance with the rules and regulations of the Michigan Department of Environment, Great Lakes, and Energy;
 - 4. Drainage recharge features and provisions to prevent loss of recharge; and
 - 5. Provisions to control soil erosion and sedimentation, soil compaction, and to prevent seepage from sewer pipes.

- B. **Service Facilities and Structures:** Location of existing and proposed service facilities and structures, above and below ground, including:
1. General location of the site within the Wellhead Protection Overlay District;
 2. Areas to be used for the storage, loading/unloading, recycling, or disposal of Regulated Substances, including interior and exterior areas;
 3. Underground storage tank locations; and
 4. Location of exterior drains, dry wells, catch basins, retention/detention areas, sumps, and other facilities designed to collect, store, or transport stormwater or wastewater. The point of discharge for all drains and pipes shall be specified on the site plan.
- C. **Water Resources:** Location of existing wetlands and watercourses, including ponds and streams, on or within a quarter mile of the site.
- D. **Existing Contamination:** Delineation of areas on the site that are known or suspected to be contaminated, together with a report on the status of site clean-up.
- E. **MDEQ Checklist:** Completion of a Michigan Department of Environment, Great Lakes, and Energy checklist, indicating the types of environmental permits and approvals that may be needed for the project.
- F. **Additional Information:** Any additional information determined necessary by the Zoning Administrator, Planning Commission, or Township Board to determine compliance with this Ordinance.

Section 12A.06 Uses Permitted By Right

Except as otherwise provided for in this Article, the uses permitted by right in the underlying zoning district are permitted by right within the Wellhead Protection Overlay District.

Section 12A.07 Uses Permitted by Special Use Permit

The following uses are permitted by special use permit in the Wellhead Protection Overlay District:

- A. Commercial, industrial, governmental, or education uses that are allowed in the underlying district and are not prohibited in 12A.08 Prohibited Uses.
- B. Any enlargement, intensification, alteration, or change of use of an existing commercial, industrial, governmental, or education use.
- C. **Increase of Impervious Area:** The rendering impervious of more than fifteen (15) percent or 2,500 square feet of any lot, whichever is less, provided that a system for artificial recharge of precipitation to groundwater is developed, which shall not result in degradation of the groundwater.

- D. **Mining or Excavation:** The mining or excavation for removal of earth, loam, sand, gravel, or other soils or mineral resources, provided that such excavation shall not extend closer than five (5) feet above the historical high groundwater table, as determined from on-site monitoring wells and historical water fluctuation data compiled by the United States Geological Survey. One (1) or more monitoring wells shall be installed by the property owner to verify groundwater elevations. This sub-section shall not apply to excavations incidental to permitted uses, including but not limited to installation or maintenance of structural foundations, freshwater ponds, utility conduits or on-site sewage ~~disposal~~treatment.
1. Upon completion of earth removal operations, all altered areas shall be restored with topsoil and vegetative plantings suitable to control erosion on the site.
 2. All fine materials, such as clays and silts, removed as part of the earth removal operation and leftover as by-products, shall be disposed of off-site to prevent damage to aquifer recharge characteristics.
- E. **Ice or Snow Removal Chemicals:** The storage of sodium chloride, calcium chloride, chemically treated abrasives, or other chemicals used for removal of ice and snow on roads, provided such chemicals are covered and located on a paved surface with berms, or within a structure designed to prevent the generation and escape of contaminated run-off.
- F. **Leachable Materials:** The storage of fertilizers, pesticides, herbicides, lawn care chemicals, or other leachable materials, provided that such materials are stored in accordance with the manufacturer's label instructions approved by the United States Environmental Protection Agency or the Michigan Department of Agriculture and that they are used in routine agricultural operations and applied under the "Generally Accepted Agricultural Management Practices" and all other necessary precautions are taken to minimize adverse impact on surface and groundwater.
- G. **Commercial Fertilizers or Soil Conditioners:** The storage of commercial fertilizers or soil conditioners, provided such storage shall be within structures designed to prevent the generation and escape of contaminated run-off or leachate.
- H. **Liquid Regulated Substances:** The storage of all liquid Regulated Substances, provided such materials must be stored either in a freestanding container within a building or in a freestanding container above ground level with protection to contain a spill the size of the container's total storage capacity.

Section 12A.08 Prohibited Uses and Substances

The following uses and substances are prohibited in the Wellhead Protection Overlay District:

- A. Business or industrial uses that generate, use, treat, process, store, or dispose of Regulated Substances, including, but not limited to, metal plating, chemical manufacturing, wood preserving, or dry cleaning factory, except for the following:
1. Generators of a very small quantity of Regulated Substances (less than 20 kilograms or six (6) gallons per month), subject to Special Use Permit review.

2. Municipally-operated or sanctioned household waste collection stations.
 3. Waste oil retention facilities.
 4. Treatment works designed for the treatment of contaminated ground or surface waters, provided the facilities have been approved by the Michigan Department of Environment, Great Lakes, and Energy.
- B. Business or industrial uses that dispose of process wastewater on-site.
- C. Solid waste landfills, dumps, landfilling, spreading, ~~or storage, or injection~~ of sludge ~~or~~, septage, or biosolids, with the exception of disposal of brush or stumps.
- D. Storage of liquid petroleum products of any kind, except for the following:
1. Storage that is incidental to:
 - a. Normal household use and outdoor maintenance or the heating of a structure.
 - b. Use of emergency generators.
 - c. Treatment works designed for the treatment of contaminated ground or surface waters, provided the facilities has been approved by the Michigan Department of Environment, Great Lakes, and Energy.
 2. Replacement of storage tanks and systems for the keeping, dispensing or storing of gasoline, which existed at the time of adoption of this Section, provided that:
 - a. All such replacement storage tanks or systems shall be located underground as required by the Michigan Department of Environment, Great Lakes, and Energy.
 - b. All such storage systems shall be protected by a secondary containment system as specified by the Michigan Department of Environment, Great Lakes, and Energy.
 - c. An application for tank replacement may be denied or approved subject to conditions upon determination by the Fire Chief that it could constitute a fire hazard or by the Michigan Department of Environment, Great Lakes, and Energy or Livingston County Health Department that it could constitute a danger to public or private water supplies.
- E. Outdoor storage of salt, de-icing materials, pesticides, or herbicides.
- F. Dumping or disposal on the ground, in water bodies, or in residential septic systems of any toxic chemical, including, but not limited, to septic systems cleaners that contain toxic chemicals, such as methylene chloride and 1-1-1 trichloroethane, or other household Regulated Substances.

- G. Stockpiling or disposal of snow or ice removed from highways and streets located outside of the Wellhead Protection Overlay District that contains sodium chloride, calcium chloride, chemically treated abrasives, or other chemicals used for snow or ice removal.
- H. Sewage disposal-treatment systems that are designed to receive more than one hundred ten (110) gallons of sewage per quarter acre per day or four hundred forty (440) gallons of sewage per acre per day, whichever is greater, provided that:
 - 1. The replacement or repair of an existing system shall be exempted if it does not result in an increase in design capacity above the original design.
 - 2. In calculating the maximum sewage disposal-treatment system density, it shall be assumed that each single-family-residential home will generate two hundred sixty (260) gallons of sewage per day.
 - 3. Sewage disposal-treatment systems must meet all standards of the Livingston County Health Department.
- I. Wastewater treatment facilities, except the following:
 - 1. The replacement or repair of an existing system that will not result in a design capacity greater than the design capacity of the existing system.
 - 2. The replacement of an existing subsurface sewage disposal-treatment system with wastewater-treatment works a new system that will not result in a design capacity greater than the design capacity of the existing system.
 - 3. Treatment facilities designed for the treatment of contaminated surface waters or groundwaters.
- J. Deep well injection systems.
- K. Junkyards.
- L. Automobile fueling/mixed-use station.
- M. Automobile repair garage, except for those where all activities are conducted within a fully-enclosed building.

Section 12A.09 Basis for Determination

Both the Planning Commission and the Board of Trustees shall employ and be guided by the standards that shall be consistent with and promote the intent and purpose of this Ordinance and this Article, and ensure that the land use or activity authorized shall be compatible with the Wellhead Protection Overlay District and shall comply with the following additional standards. Approval shall only be made upon a finding that the petitioner's application includes sufficiently detailed, definite, and credible information to support findings.

- A. In no way, during construction or thereafter, shall a project adversely affect the quality or quantity of water that is available in the Wellhead Protection Overlay District.
- B. The project shall be designed to avoid substantial disturbance of the soils, topography, drainage, vegetation, and water-related natural characteristics of the site.

Section 12A.010 Performance Standards

The following requirements shall apply to all uses in the Wellhead Protection Overlay District:

- A. **Drainage:** For commercial and industrial uses, run-off from impervious surfaces shall not be discharged directly to drains, streams, ponds, or other surface water bodies. Oil, grease, and sediment traps shall be used to facilitate removal of contamination. Forebays/sediment basins and other requirements shall be adhered to per the Township Engineering Design Standards.
- B. **Discharge of Regulated Substances:** The property owner shall prevent the discharge of regulated substances.

1. Upon discovery of a discharge of a regulated substance within the Wellhead Protection Area, the owner of the property on which a discharge occurred, as well as the person responsible for the discharge, if they are not the same, shall take appropriate reasonable actions to mitigate the potential impact of the discharge on the groundwater and remediate the discharge.

- a. Remediation shall be conducted in a timely manner and in accordance with applicable law.
- b. Wastes generated during remediation of a Regulated Substance discharge must be handled in accordance with all applicable legal requirements. Storage of these materials for a period of greater than ninety (90) days must be reported to, and approval obtained from, the Zoning Administrator.
- c. Environmental emergencies shall be reported immediately to the Pollution Emergency Alerting System hotline.

1.2. All discharges shall be documented in writing and mailed to the Zoning Administrator within ten (10) business days of said incident. Initial discharge notification shall include, at a minimum, the following:

- a. Location of the discharge (name, address, and phone);
- b. Reporting party's name, address, and phone (if different from above);
- c. Emergency contact and phone;
- d. Description of the nature of the incident, including date, time, location, and cause of the incident; type, concentration, and volume of substance(s) discharged;

- e. Map showing exact discharge location, and relevant site features (i.e. paved area, storm sewer catch basins/inlets, water features, etc.), scale, and north arrow;
- f. All measures taken to clean up the discharge; and
- g. All measures proposed to be taken to reduce and prevent any future discharge.

2-3. The Zoning Administrator shall determine if and where any additional investigative work needs to be completed to assess the potential impact of the discharge. The owner or operator shall retain a copy of the written notice for at least three years.

Section 12A.011 Enforcement

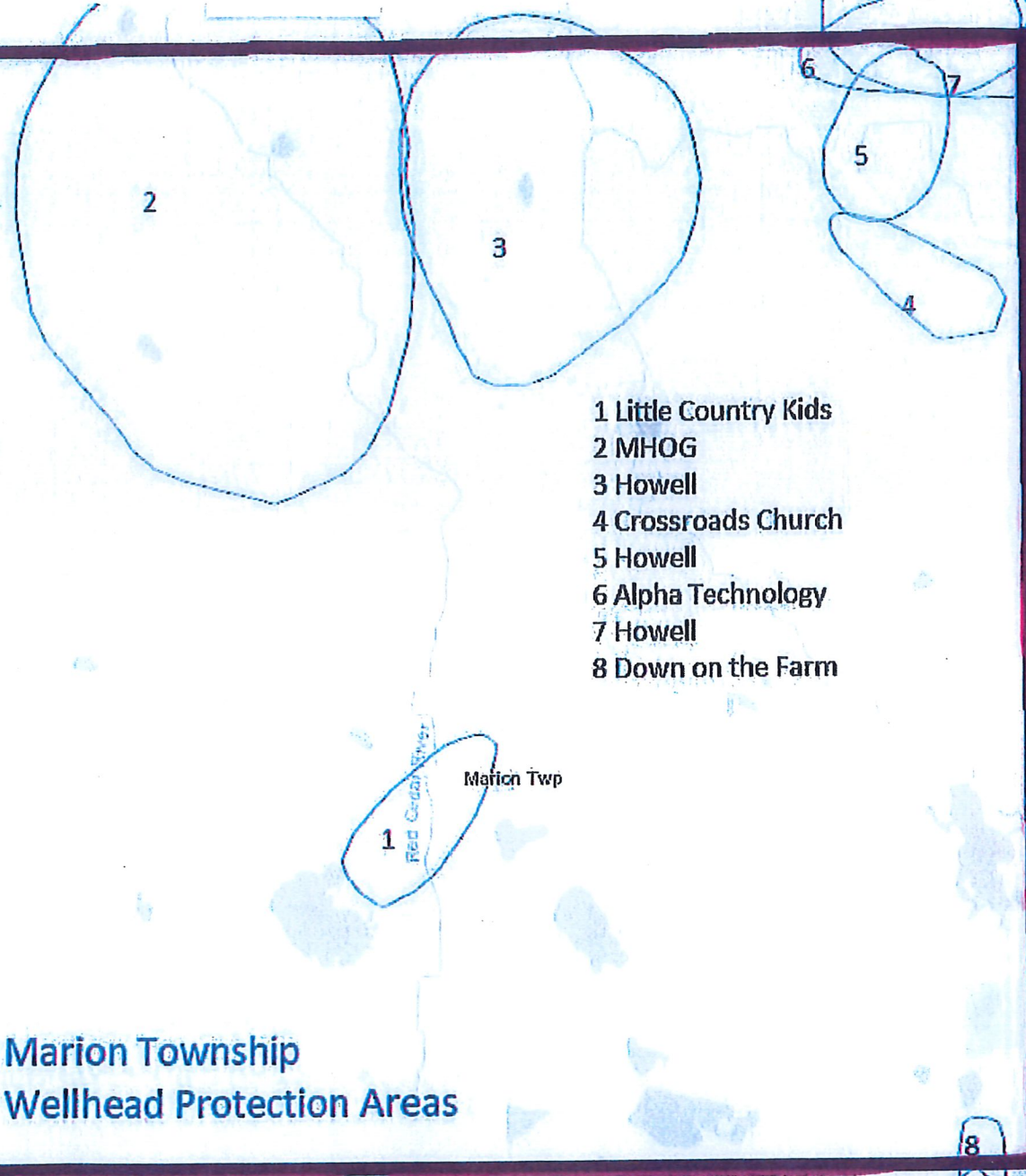
Violations of any provisions of this Article are declared to be nuisances per se, subject to enforcement as provided in Section 4.04 Violations and Section 4.05 Penalties and Remedies of this Ordinance, except as specified below.

- A. **Violation Correction Period:** A shorter period than fifteen (15) days may be required to correct a violation.
- B. **Hearing Before Township Board:** A hearing shall not be required before the Township Board.
- C. **Fines and Penalties:** Any person who violates this Article shall, upon being found responsible or being convicted, be fined one thousand (1,000) dollars for a first offense, three thousand (3,000) dollars for a second offence, and ten thousand (10,000) dollars for each additional offense, and in addition, shall pay all direct and indirect costs and expenses involved in the case, including actual attorney costs.

Section 12A.012 Variances and Appeals

Variances from the developmental standards of this Article and appeals from the administration of this Article may be heard by the Zoning Board of Appeals as provided in Article V Zoning Board of Appeals, except as specified below.

- A. **Township Engineer:** The Zoning Administrator or Zoning Board of Appeals may consult with the Township Engineer. The Township may collect an administrative escrow account, as provide in Section 4.07 Administrative Escrow Accounts, to cover the cost of Township Engineer consultation.
- B. **Appeal Submission.** A complete appeal of decision application must be submitted within ten (10) calendar days of the decision or action being appealed.



- 1 Little Country Kids
- 2 MHOG
- 3 Howell
- 4 Crossroads Church
- 5 Howell
- 6 Alpha Technology
- 7 Howell
- 8 Down on the Farm

**Marion Township
Wellhead Protection Areas**



Livingston County Department of Planning

MEMORANDUM

TO: Livingston County Planning Commissioners and the Marion Township Board of Trustees

FROM: Robert Stanford, Principal Planner

DATE: February 1, 2024

SUBJECT: Z-04-24 Amendments to Zoning Ordinance Articles - Article 3: Definitions, Article 6: General Provisions, Article 12A: Wellhead Protection Overlay District

Scott Barb
AICP, PEM
Director

Robert A. Stanford
AICP
Principal Planner

Martha Haglund
Principal Planner

The Marion Township Planning Commission proposes amendments to **Article 3: Definitions, Article 6: General Provisions, and Article 12A: Wellhead Protection Overlay District** of the Marion Township Zoning Ordinance, related to the establishment of a wellhead protection overlay district, and establish procedures and enforcement for wellhead protection.

Proposed additions to existing text are noted in red underline, deletions in strikethrough.

These proposed amendments were also professionally peer reviewed as part of this County review process by Mr. Matt Bolang, Director, Livingston County Health Department, and his comments have been incorporated into this review as well.

BACKGROUND- Michigan's Wellhead Protection Program (WHPP)^a

The purpose of Michigan's Wellhead Protection Program (WHPP) is to protect public water supply systems (PWSS), which use ground water, from potential sources of contamination. Protection is provided by identifying the area which contributes ground water to PWSS wells, identifying sources of contamination within the area, and developing methods to manage the area and minimize the threat to the PWSS. Michigan's WHPP was developed in response to 1986 amendments to the federal Safe Drinking Water Act (SDWA). Unlike many programs throughout the country, wellhead protection is a voluntary program which is implemented on a local level through the coordination of activities by local, county, regional, and state agencies. Guidelines for the program were developed by the Michigan Department of Environment, Great Lakes, and Energy (EGLE). Although the program is voluntary, PWSSs who choose to participate in wellhead protection must develop a local WHPP consistent with the guidelines established by the state. Local WHPPs must specifically address seven elements which include the establishment of roles and duties, wellhead protection area (WHPA) delineation, identification of potential

Department Information

Administration Building
304 E. Grand River Avenue
Suite 206
Howell, MI 48843-2323

•
(517) 546-7555

Fax (517) 552-2347

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Web Site
milivcounty.gov/planning/

^a Source: An Overview of Michigan's Wellhead Protection Program, found online at:
<https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/DWEHD/Source-Water-Assessment/Wellhead-Protection-Overview.pdf>



sources of contamination within the WHPA, development of strategies to manage potential sources and minimize threats to the PWSS, development of contingency plans for water supply emergencies, identification of procedures for the development of new well sites and incorporate them into the local WHPP, and provide opportunities for public participation. Funding for WHPP is available through a grant program designed to assist PWSSs in the development and implementation of WHPPs. The program is a 50% grant program which must be matched with 50% local funds. Grant money will be awarded to PWSSs based on a scoring system as outlined in the Grant Application.

SEVEN ELEMENTS OF WELLHEAD PROTECTION

Roles and Responsibilities

This element is designed to identify individuals working as a team in development and implementation of the local WHPP. While one individual is generally identified as the primary contact for the local WHPP, the establishment of roles and responsibilities requires the building of partnerships within the community and the participation of multiple individuals. Since ground water knows no political boundaries, partnerships may be developed between local, township, county, regional, and state agencies; and organizations to facilitate management of the WHPA. In an effort to develop effective partnerships, local teams may include managers at the local level (city manager, utilities superintendent, city engineer, fire chief, building inspectors, etc.), county and state agency representatives, local watershed councils, and representatives from the general public. The team can serve to provide consistency in the local WHPP as new parts of the program are addressed or team members leave. Building a team to oversee the wellhead protection process helps to ensure a continuance and continuity of the program in future years.

Wellhead Protection Area Delineation

The federal SDWA defines a WHPA as "... the surface and subsurface area surrounding a water well or well field, supplying a public water system, through which contaminants are reasonably likely to move toward and reach such water well or well field." In simpler terms, it is that area which contributes ground water to a PWSS well. Michigan's WHPP requires a hydrogeologic study to identify the contributing area. The area contributing ground water to a well may extend for miles therefore, Michigan's WHPP is based upon a ground water time-of-travel (TOT) of 10 years. The 10-year TOT provides a reasonable length of time for responding to environmental problems within the WHPA while concurrently providing a smaller area which can be reasonably managed.

Potential Sources of Contamination

Michigan's WHPP requires the identification of potential sources of contamination within the WHPA. As a minimum, known and potential sites of environmental contamination should be included on a contaminant source inventory list. Known sites of environmental contamination may include leaking underground storage tanks, Superfund sites, sites of environmental contamination, and oil and gas contamination sites. Sites which represent a potential for contamination include registered underground storage tanks, hazardous waste generators, chemical storage facilities and ground water discharges. Land use associated with agricultural operations, commercial facilities, manufacturing and industrial facilities, institutional facilities, and utility companies may also be considered potential sources of contamination. Abandoned wells left improperly sealed provide a direct conduit into the ground water system through which contaminants may migrate and should be considered potential sources of contamination.

Wellhead Protection Area Management

The goal of WHPA management is to provide mechanisms which will prevent existing and potential sources of contamination from reaching the public water supply well or well field. Communities are



encouraged to develop management strategies which may be unique to their situation and specific to the contaminant source inventory developed for the WHPA. Management approaches may entail a broad range of activities including facility inspections, land-use regulations, operational policies, best management practices, public information and education. Management strategies should serve to generate support and attention to the WHPA for local, county, state, and federal regulatory activities. The strategies should attempt to minimize (eliminate if possible) land use activities which pose a significant threat to the PWSS, motivate landowners within the WHPA to take appropriate steps to reduce threats to the PWSS, and provide education to residents, businesses, and industries located within the WHPA to emphasize their role in making wellhead protection work. An important aspect of wellhead protection is the general acceptance of the concept by community leaders and the development of land use and land protection measures which support wellhead protection. One means of providing for intelligent land use development is the incorporation of the wellhead protection concept and the WHPA into a community's Master Plan. Incorporation in the Master Plan aids community leaders in recognizing the extent of the WHPA and the need to set goals and objectives for community development which serve to protect the PWSS. This approach provides a mechanism for the effective use of local regulations in support of wellhead protection. Such support may come through the development of community wide zoning provisions, the development of a local site plan review process, or development of local standards for operation and maintenance of facilities located in the WHPA.

Contingency Plans

As part of the local WHPP it is important that the PWSS identify an effective contingency plan for emergencies that may threaten wells serving the PWSS. The plan should identify personnel, testing equipment, materials and procedures necessary for the fast and effective mitigation of emergencies. A contingency plan should include public water supply system emergency response protocol (as required by the SDWA), notification procedures, and methods for handling emergencies based upon the nature of the emergency and the threat to the PWSS. Contingency plans should provide a course of action with an emphasis on providing a mechanism for containment in the case of chemical spills. The contingency plan should also identify alternative water supplies in the event that an emergency results in an impact to a well or wells serving the PWSS.

New Wells

Wellhead protection activities provide an excellent opportunity for the assessment of the PWSS by providing information on existing ground water availability, the ability of the PWSS to meet present demands, and the susceptibility of the existing wells to contamination. Where water supply expansion, increases in water use, or susceptibility of existing wells to contamination threats warrants development of additional production facilities, a mechanism should be provided to incorporate the new facilities into the local WHPP. PWSSs which undergo expansion with the construction of new wells are strongly encouraged to incorporate the new wells into the local WHPP. WHPA delineation is easier (and cheaper) at the time of construction, wellhead protection can be used to evaluate the availability of the ground water resources in an area, and wellhead protection helps ensure that ground water resource development is occurring in areas which are not subject to contamination.

Public Education and Participation

Community involvement in the development and implementation of the local WHPP helps to ensure its success and longevity. While it is best if all citizens are provided an opportunity to participate, it is essential that individuals who live, work, and own businesses in the WHPA take an active interest in the program. To generate interest in wellhead protection, communities have



focused on public education and the dissemination of wellhead protection information. Public education may be provided by presentations, at village/city/township meetings, before local boards and commissions, and at local schools. Information can be provided through wellhead protection newsletters and brochures, radio and cable television spots, and signs posted in WHPAs.

STAFF REVIEW

The Marion Township Planning Commission proposes amendments to the Marion Township Zoning Ordinance to amend and add several regulatory provisions related to the establishment of a wellhead protection overlay district, and establish procedures and enforcement for wellhead protection, in the following manner:

ITEM 1. AMENDMENT OF ARTICLE III: DEFINITIONS

“Section 3.02 Definitions” of the Township Zoning Ordinance is proposed to be amended by adding the following definition to read in its entirety, as follows:

Aquifer: A geologic formation composed of rock or sand and gravel that contain significant amounts of potentially recoverable potable water.

Discharge: Discharge includes, but is not limited to, any spilling, leaking, seeping, pouring, misapplying, emitting, emptying, or dumping of any pollutants prohibited by law or regulation, that affects surface water or groundwater.

Impervious Surface: Materials or structures on or above the ground that do not allow precipitation to infiltrate the underlying soil.

Regulated Substances: With respect to wellhead protection: 1. Substances for which there is a safety data sheet, as established by the United States Occupational Safety and Health Administration, and that cites possible health hazards for said substance; 2. Hazardous Waste, as defined by the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976, as amended; 3. Hazardous Substance, as defined by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) when the hazardous substance is the focus of remedial or removal action being conducted under CERCLA in accordance with the U.S. EPA regulations; 4. Radiological materials; and 5. Biohazards.

Wellhead Protection Area: The surface and subsurface area surrounding a public water supply well or well field through which contaminants, if discharged, are reasonably likely to move toward and reach the well or the well field. This area is also known as the zone of contribution that contributes groundwater to the well or well field. Wellhead Protection Areas for both the City of Howell and MHOOG are present in areas of the Township.



ITEM 2. AMENDMENT OF ARTICLE VI: GENERAL PROVISIONS

“Section 6.27: Wellhead Protection and Hazardous Substance Overlay Zone” of the Township Zoning Ordinance is proposed to be deleted in its entirety and designated as: “reserved for future use”, which shall read as follows:

Section 6.27 Reserved for future use.

ITEM 3. AMENDMENT OF ARTICLE XIIA: WELLHEAD PROTECTION OVERLAY DISTRICT

An entirely new article entitled “Article XIIA: Wellhead Protection Overlay District” is proposed to be added to the Township Zoning Ordinance, which shall read as follows:

ARTICLE XIIA: WELLHEAD PROTECTION OVERLAY DISTRICT

Section 12A.01 Intent

The Wellhead Protection Overlay District is intended to provide supplemental developmental regulations in the designated wellhead protection areas to protect and preserve the surface and groundwater resources of the Township and the region from any use of land or buildings or hazardous materials that may reduce the quality or quantity of water resources; protect drinking water sources from long-term contamination; minimize economic impacts and legal liability; and recognize the importance of protecting groundwater to provide a safe drinking water supply for the Township. This Wellhead Protection Overlay District has been created in coordination with the Marion, Howell, Oceola, and Genoa Sewer and Water Authority's (MHOG) Wellhead Protection Plans drafted by Wood Environment and Infrastructure Solutions. This Wellhead Protection Overlay District was also created in conjunction with the City of Howell and Howell Township.

Section 12A.02 Scope of Regulation

The Wellhead Protection Overlay District is an overlay zoning district that imposes a set of requirements in addition to those of the underlying zoning district. In an area where an overlay district is established, the property is located simultaneously in the two (2) districts, and the property may be developed only under the applicable conditions and requirements of both districts. In the event there is a conflict between the requirements of the two (2) districts, the requirements of the Wellhead Protection Overlay District shall prevail.

Section 12A.03 District Delineation

A. Delineation: The Wellhead Protection Overlay District includes all lands within the Marion, Howell, Oceola, and Geona Sewer and Water Authority's Wellhead Protection Areas, including recharge areas of groundwater aquifers and watershed areas that lie within the wellhead protection area that now or may in the future provide public water supply. If the wellhead protection area includes a portion of the lot, the entire lot shall be considered to be within the Wellhead Protection Overlay District.



STAFF COMMENT: Misspelling of "Genoa" in item 12A.03.A above should be corrected.

B. Interpretation of District Boundaries: Where the boundaries delineated are in doubt or in dispute, the burden of proof shall be upon the owner of the land in question to show whether the property should be located in the Wellhead Protection Overlay District. At the request of the owner, the Township may engage the services of a qualified professional to determine more accurately the location and extent of an aquifer within the wellhead protection area. The Township shall charge the owner for all or a part of the investigation.

Section 12A.04 Site Plan Review Required

All proposed new or expanded structures or uses within in the Wellhead Protection Overlay District, except single-family uses, shall be subject to site plan review, pursuant to Article XVIII Site Plan Requirements.

Section 12A.05 Materials to be Submitted for Site Plan Review

In addition to the data requirements of Article XVIII Site Plan Requirements, each application for site plan review within the Wellhead Protection Overlay District shall be accompanied by, at a minimum, the following:

A. List of Regulated Substances: A complete list of chemicals, pesticides, fuels, and other Regulated Substances to be used or stored on the premises. Businesses that use or store such Regulated Substances shall file a management plan with the Fire Chief. The management plan shall include the following, at minimum:

1. Provisions to protect against the discharge of Regulated Substances or wastes to the environment due to spillage, accidental damage, corrosion, leakage or vandalism, including spill containment and clean-up procedures;
2. Provisions for indoor, secured storage of Regulated Substances and wastes with impervious floor surfaces;
3. Evidence of compliance with the rules and regulations of the Michigan Department of Environment, Great Lakes, and Energy;
4. Drainage recharge features and provisions to prevent loss of recharge; and
5. Provisions to control soil erosion and sedimentation, soil compaction, and to prevent seepage from sewer pipes.

B. Service Facilities and Structures: Location of existing and proposed service facilities and structures, above and below ground, including:

1. General location of the site within the Wellhead Protection Overlay District;
2. Areas to be used for the storage, loading/unloading, recycling, or disposal of Regulated Substances, including interior and exterior areas;
3. Underground storage tank locations; and



4. Location of exterior drains, dry wells, catch basins, retention/detention areas, sumps, and other facilities designed to collect, store, or transport stormwater or wastewater. The point of discharge for all drains and pipes shall be specified on the site plan.

C. Water Resources: Location of existing wetlands and watercourses, including ponds and streams, on or within a quarter mile of the site.

D. Existing Contamination: Delineation of areas on the site that are known or suspected to be contaminated, together with a report on the status of site clean-up.

STAFF and HEALTH DEPARTMENT COMMENT: The information contained in existing contamination delineation report as referenced in item 12A.05.D. may be of interest as well to the Livingston County Health Department, Environmental Health Division and therefore, perhaps a copy of this information should be forwarded to them for their on-going record keeping efforts. Additionally, LCHD may be able to assist in site reviews where threats to groundwater or surface water are identified as a potential risk.

E. MDEQ Checklist: Completion of a Michigan Department of Environment, Great Lakes, and Energy checklist, indicating the types of environmental permits and approvals that may be needed for the project.

F. Additional Information: Any additional information determined necessary by the Zoning Administrator, Planning Commission, or Township Board to determine compliance with this Ordinance.

Section 12A.06 Uses Permitted By Right

Except as otherwise provided for in this Article, the uses permitted by right in the underlying zoning district are permitted by right within the Wellhead Protection Overlay District.

Section 12A.07 Uses Permitted by Special Use Permit

The following uses are permitted by special use permit in the Wellhead Protection Overlay District:

A. Commercial, industrial, governmental, or education uses that are allowed in the underlying district and are not prohibited in 12A.08 Prohibited Uses.

B. Any enlargement, intensification, alteration, or change of use of an existing commercial, industrial, governmental, or education use.

C. Increase of Impervious Area: The rendering impervious of more than fifteen (15) percent or 2,500 square feet of any lot, whichever is less, provided that a system for artificial recharge of precipitation to groundwater is developed, which shall not result in degradation of the groundwater.

D. Mining or Excavation: The mining or excavation for removal of earth, loam, sand, gravel, or other soils or mineral resources, provided that such excavation shall not extend closer than five (5) feet above the historical high groundwater table, as determined from on-site monitoring wells and historical water fluctuation data compiled by the United States Geological Survey. One (1) or more monitoring wells shall be installed by the property owner to verify groundwater elevations. This sub-section shall not apply to excavations incidental to permitted uses.



including but not limited to installation or maintenance of structural foundations, freshwater ponds, utility conduits or on-site sewage disposal.

HEALTH DEPARTMENT COMMENT: The final paragraph of this section should be revised to read as follows:

"...This sub-section shall not apply to excavations incidental to permitted uses, including but not limited to installation or maintenance of structural foundations, freshwater ponds, utility conduits or on-site sewage ~~treatment~~ disposal."

1. Upon completion of earth removal operations, all altered areas shall be restored with topsoil and vegetative plantings suitable to control erosion on the site.
 2. All fine materials, such as clays and silts, removed as part of the earth removal operation and leftover as by-products, shall be disposed of off-site to prevent damage to aquifer recharge characteristics.
- E. **Ice or Snow Removal Chemicals:** The storage of sodium chloride, calcium chloride, chemically treated abrasives, or other chemicals used for removal of ice and snow on roads, provided such chemicals are covered and located on a paved surface with berms, or within a structure designed to prevent the generation and escape of contaminated run-off.
- F. **Leachable Materials:** The storage of fertilizers, pesticides, herbicides, lawn care chemicals, or other leachable materials, provided that such materials are stored in accordance with the manufacturer's label instructions approved by the United States Environmental Protection Agency or the Michigan Department of Agriculture and that they are used in routine agricultural operations and applied under the "Generally Accepted Agricultural Management Practices" and all other necessary precautions are taken to minimize adverse impact on surface and groundwater.
- G. **Commercial Fertilizers or Soil Conditioners:** The storage of commercial fertilizers or soil conditioners, provided such storage shall be within structures designed to prevent the generation and escape of contaminated run-off or leachate.
- H. **Liquid Regulated Substances:** The storage of all liquid Regulated Substances, provided such materials must be stored either in a freestanding container within a building or in a freestanding container above ground level with protection to contain a spill the size of the container's total storage capacity.

Section 12A.08 Prohibited Uses and Substances

The following uses and substances are prohibited in the Wellhead Protection Overlay District:

- A. Business or industrial uses that generate, use, treat, process, store, or dispose of Regulated Substances, including, but not limited to, metal plating, chemical manufacturing, wood preserving, or dry cleaning factory, except for the following:
1. Generators of a very small quantity of Regulated Substances (less than 20 kilograms or six (6) gallons per month), subject to Special Use Permit review.
 2. Municipally-operated or sanctioned household waste collection stations.



3. Waste oil retention facilities.
4. Treatment works designed for the treatment of contaminated ground or surface waters, provided the facilities have been approved by the Michigan Department of Environment, Great Lakes, and Energy.

B. Business or industrial uses that dispose of process wastewater on-site.

C. Solid waste landfills, dumps, landfilling, spreading or storage of sludge or septage, with the exception of disposal of brush or stumps.

HEALTH DEPARTMENT COMMENT: For Item C. above regarding "spreading or storage of sludge or septage", would this also include biosolids?

D. Storage of liquid petroleum products of any kind, except for the following:

1. Storage that is incidental to:

- a. Normal household use and outdoor maintenance or the heating of a structure.
- b. Use of emergency generators.
- c. Treatment works designed for the treatment of contaminated ground or surface waters, provided the facilities has been approved by the Michigan Department of Environment, Great Lakes, and Energy.

2. Replacement of storage tanks and systems for the keeping, dispensing or storing of gasoline, which existed at the time of adoption of this Section, provided that:

- a. All such replacement storage tanks or systems shall be located underground as required by the Michigan Department of Environment, Great Lakes, and Energy.
- b. All such storage systems shall be protected by a secondary containment system as specified by the Michigan Department of Environment, Great Lakes, and Energy.
- c. An application for tank replacement may be denied or approved subject to conditions upon determination by the Fire Chief that it could constitute a fire hazard or by the Michigan Department of Environment, Great Lakes, and Energy or Livingston County Health Department that it could constitute a danger to public or private water supplies.

E. Outdoor storage of salt, de-icing materials, pesticides, or herbicides.

F. Dumping or disposal on the ground, in water bodies, or in residential septic systems of any toxic chemical, including, but not limited, to septic systems cleaners that contain toxic chemicals, such as methylene chloride and 1-1-1 trichloroethane, or other household Regulated Substances.

G. Stockpiling or disposal of snow or ice removed from highways and streets located outside of the Wellhead Protection Overlay District that contains sodium chloride, calcium chloride, chemically treated abrasives, or other chemicals used for snow or ice removal.

H. Sewage disposal systems that are designed to receive more than one hundred ten (110) gallons of sewage per quarter acre per day or four hundred forty (440) gallons of sewage per acre per day, whichever is greater, provided that:



1. The replacement or repair of an existing system shall be exempted if it does not result in an increase in design capacity above the original design.
2. In calculating the maximum sewage disposal system density, it shall be assumed that each single-family-residential home will generate two hundred sixty (260) gallons of sewage per day.
3. Sewage disposal systems must meet all standards of the Livingston County Health Department.

HEALTH DEPARTMENT COMMENT: Items H., H.2. and H.3., should be revised to read as follows:

*"...Sewage ~~disposal~~ **treatment** systems that are designed..."*
*"...In calculating the maximum sewage ~~disposal~~ **treatment** system density..."*
*"...Sewage ~~disposal~~ **treatment** systems must meet..."*

- I. Wastewater treatment facilities, except the following:
 1. The replacement or repair of an existing system that will not result in a design capacity greater than the design capacity of the existing system.
 2. The replacement of an existing subsurface sewage disposal system with wastewater treatment works that will not result in a design capacity greater than the design capacity of the existing system.
 3. Treatment facilities designed for the treatment of contaminated surface waters or groundwaters.

HEALTH DEPARTMENT COMMENT: Item I.2. is confusing as proposed. Should it be revised to read as follows:

*2. The replacement of an existing subsurface sewage ~~disposal~~ **treatment** system with **a new system** ~~wastewater treatment works~~ that will not result in a design capacity greater than the design capacity of the existing system.*

- J. Deep well injection systems.
- K. Junkyards.
- L. Automobile fueling/mixed-use station.
- M. Automobile repair garage, except for those where all activities are conducted within a fully-enclosed building.

Section 12A.09 Basis for Determination

Both the Planning Commission and the Board of Trustees shall employ and be guided by the standards that shall be consistent with and promote the intent and purpose of this Ordinance and this Article, and ensure that the land use or activity authorized shall be compatible with the Wellhead Protection Overlay District and shall comply with the following additional standards. Approval



shall only be made upon a finding that the petitioner's application includes sufficiently detailed, definite, and credible information to support findings.

- A. In no way, during construction or thereafter, shall a project adversely affect the quality or quantity of water that is available in the Wellhead Protection Overlay District.
- B. The project shall be designed to avoid substantial disturbance of the soils, topography, drainage, vegetation, and water-related natural characteristics of the site.

Section 12A.010 Performance Standards

The following requirements shall apply to all uses in the Wellhead Protection Overlay District:

- A. **Drainage:** For commercial and industrial uses, run-off from impervious surfaces shall not be discharged directly to drains, streams, ponds, or other surface water bodies. Oil, grease, and sediment traps shall be used to facilitate removal of contamination. Forebays/sediment basins and other requirements shall be adhered to per the Township Engineering Design Standards.
- B. **Discharge of Regulated Substances:** The property owner shall prevent the discharge of regulated substances.
 - 1. Upon discovery of a discharge within the Wellhead Protection Area, the owner of the property on which a discharge occurred, as well as the person responsible for the discharge, if they are not the same, shall take appropriate reasonable actions to mitigate the potential impact of the discharge on the groundwater and remediate the discharge. Remediation shall be conducted in a timely manner and in accordance with applicable law. Wastes generated during remediation of a Regulated Substance discharge must be handled in accordance with all applicable legal requirements. Storage of these materials for a period of greater than ninety (90) days must be reported to, and approval obtained from, the Zoning Administrator.

HEALTH DEPARTMENT COMMENT: With regard to Item 12A.010.B.1., which as proposed reads as follows:

"...Remediation shall be conducted in a timely manner and in accordance with applicable law..."

It is recommended that environmental emergencies should be reported to the 24-hour Pollution Emergency Alerting System (PEAS) Hotline at 800-292-4706.

- 2. All discharges shall be documented in writing and mailed to the Zoning Administrator within ten (10) business days of said incident. Initial discharge notification shall include, at a minimum, the following:
 - a. Location of the discharge (name, address, and phone);
 - b. Reporting party's name, address, and phone (if different from above);
 - c. Emergency contact and phone;
 - d. Description of the nature of the incident, including date, time, location, and cause of the incident; type, concentration, and volume of substance(s) discharged;
 - e. Map showing exact discharge location, and relevant site features (i.e. paved area, storm sewer catch basins/inlets, water features, etc.), scale, and north arrow;



- f. All measures taken to clean up the discharge; and
 - g. All measures proposed to be taken to reduce and prevent any future discharge.
3. The Zoning Administrator shall determine if and where any additional investigative work needs to be completed to assess the potential impact of the discharge. The owner or operator shall retain a copy of the written notice for at least three years.

Section 12A.011 Enforcement

Violations of any provisions of this Article are declared to be nuisances per se, subject to enforcement as provided in Section 4.04 Violations and Section 4.05 Penalties and Remedies of this Ordinance, except as specified below.

- A. Violation Correction Period: A shorter period than fifteen (15) days may be required to correct a violation.
- B. Hearing Before Township Board: A hearing shall not be required before the Township Board.
- C. Fines and Penalties: Any person who violates this Article shall, upon being found responsible or being convicted, be fined one thousand (1,000) dollars for a first offense, three thousand (3,000) dollars for a second offence, and ten thousand (10,000) dollars for each additional offense, and in addition, shall pay all direct and indirect costs and expenses involved in the case, including actual attorney costs.

Section 12A.012 Variances and Appeals

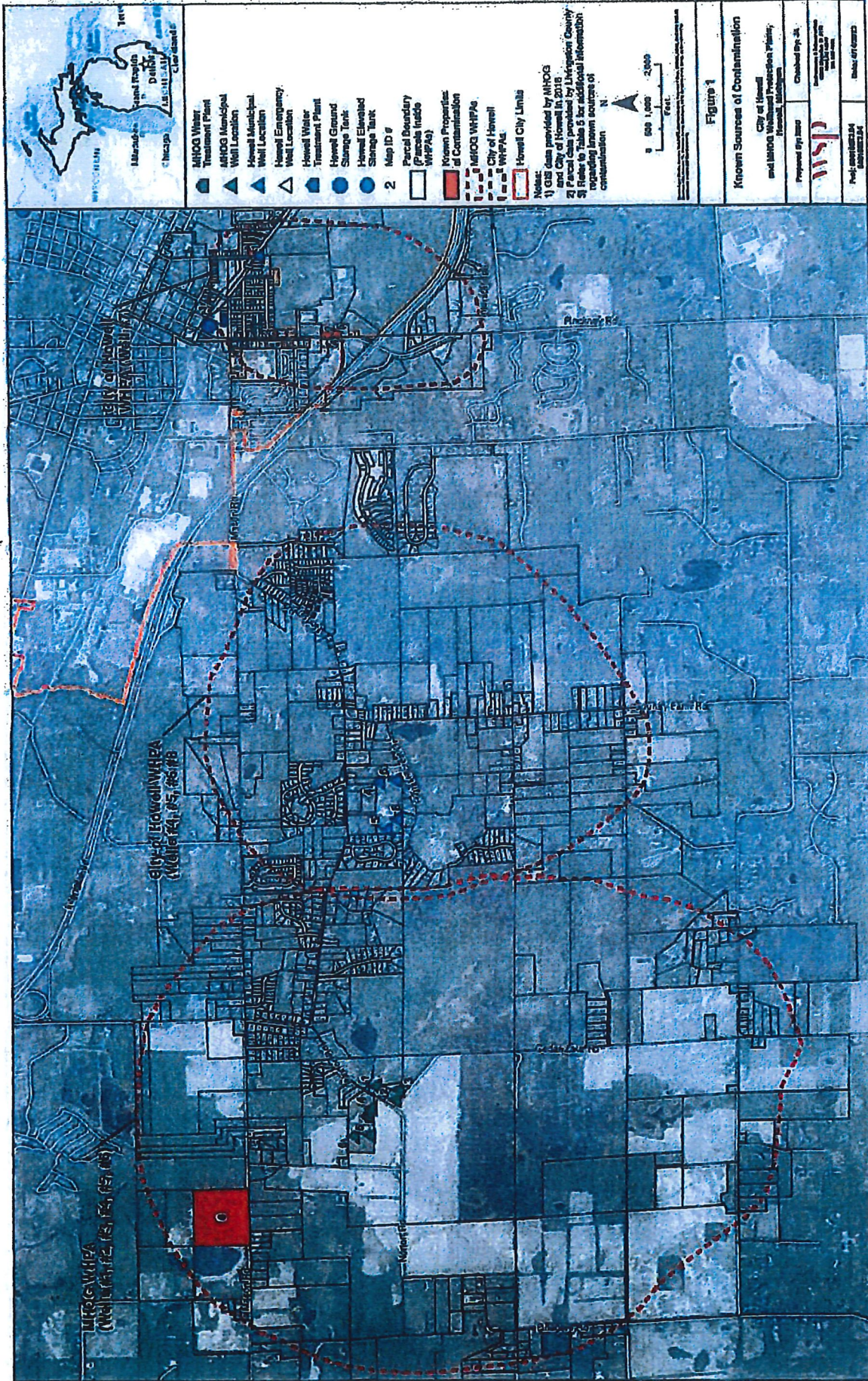
Variances from the developmental standards of this Article and appeals from the administration of this Article may be heard by the Zoning Board of Appeals as provided in Article V Zoning Board of Appeals, except as specified below.

- A. **Township Engineer:** The Zoning Administrator or Zoning Board of Appeals may consult with the Township Engineer. The Township may collect an administrative escrow account, as provide in Section 4.07 Administrative Escrow Accounts, to cover the cost of Township Engineer consultation.
- B. **Appeal Submission.** A complete appeal of decision application must be submitted within ten (10) calendar days of the decision or action being appealed.

Township Recommendation: Approval. The Marion Township Planning Commission recommended Approval of this zoning amendment at its November 28, 2023, public hearing. There were no public comments noted in the minutes.

Staff Recommendation: Approval With Conditions. The proposed amendments related to the establishment of a wellhead protection overlay district, and the establish of procedures and enforcement for wellhead protection in Marion Township appear to be suitable and reasonable. It is recommended that as Conditions of Approval, the township is encouraged to consider making any revisions identified in the Staff review prior to taking any final approval and adoption.

CITY OF HOWELL AND MHOG WELLHEAD PROTECTION AREAS



**PARTIAL MINUTES FOR BOT
SEE HIGHLIGHTED SECTION**

**MARION TOWNSHIP
PLANNING COMMISSION
REGULAR MEETING
MARCH 26, 2024 / 7:30PM**

PC MEMBERS PRESENT: LARRY GRUNN – *CHAIRPERSON*
JIM ANDERSON – *VICE-CHAIRPERSON*
CHERYL RANGE – *SECRETARY*
BOB HANVEY
BRUCE POWELSON

PC MEMBERS ABSENT: NONE

OTHERS PRESENT: DAVID HAMANN - *MARION TWP. ZONING ADMINISTRATOR*
ZACH MICHELS – *TOWNSHIP PLANNER*

CALL TO ORDER

Larry Grunn called the meeting to order at 7:30 pm.

APPROVAL OF AGENDA

Jim Anderson made a motion to approve the March 26, 2024 agenda as amended. Cheryl Range seconded. **5-0 MOTION CARRIED**

APPROVAL OF MINUTES

Jim Anderson made a motion to approve the February 13, 2024 Planning Commission minutes as amended. Cheryl Range seconded. **5-0 MOTION CARRIED**

UNFINISHED BUSINESS

TXT# 02-23 WELLHEAD PROTECTION LCPD COMMENTS (FINAL TO BOT)

Zach Michels reviewed the Marion Township Overlay District Ordinance.
Bruce Powelson made a motion to recommend approval of TXT# 02-23 WELLHEAD PROTECTION ORDINANCE to the Board of Trustees. Jim Anderson seconded. **5-0 MOTION CARRIED**

(PARTIAL) MINUTES TAKEN BY: Jessica S. Timberlake

Livingston County Road Commission

3535 Grand Oaks Drive • Howell, Michigan 48843-8575
Telephone: (517) 546-4250 • Facsimile: (517) 546-9628
Internet Address: www.livingstonroads.org

February 12, 2024

Mr. Robert Hanvey, Supervisor
Marion Township
2877 W. Coon Lake Road
Howell, MI 48843

Re: Potential 2024 Gravel Road Projects

Dear Mr. Hanvey:

Per your request, we are providing you with a list of potential gravel road improvement contracts for your review. The location and estimate of each project are shown in the following table.

ROAD	LOCATION	TYPE OF WORK	AMOUNT
Francis Road	D19 to Fisk (5,280 feet)	Surface Gravel, Limited Drainage and Tree Work	\$127,000.00
Davis Road	D-19 to Fisk (5,020 feet)	Surface Gravel, and Tree Work	\$83,000.00
Davis Road	D-19 to Fisk (5,020 feet)	Berm Removal, and Limited Drainage	\$61,000.00

Please review the above list and contact me if you wish to have contracts prepared for any of the projects. For projects to be included on this year's construction schedule, all contracts must be in place by May 1, 2024.

If you have any questions, please do not hesitate to contact Vinnie Dahlberg or me.

Sincerely,



Trevor Bennett
Director of Operations

Cc: Vinnie Dahlberg, LCRC District 4 Foreman
File

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Internet Address: www.livingstonroads.org

February 13, 2024

Mr. Robert Hanvey, Supervisor
Marion Township
2877 W. Coon Lake Road
Howell, MI 48843

Re: East Davis Road

Dear Mr. Hanvey:

Per your request, we are providing you with an estimate for improvements to the section of East Davis Road between D-19 and Fisk Road (approximately 5,020' feet). The proposed estimate consists of tree work, limited drainage, and the placement of approximately six (6) inches of 22A Gravel. The estimate for this work is \$144,000.00.

Please review the above estimate and contact me if you wish to have a contract prepared for this project.

Please contact Vinnie Dahlberg or myself if you wish to have a contract prepared for this project.

Sincerely,



Trevor Bennett
Director of Operations

Cc: Vinnie Dahlberg, LCRC District 4 Foreman
File

Budget Summary

Marion Township

July 1, 2024 - June 30, 2025

Revenues

Classification Account Number	Account Description	Actual Prior Year 2022-2023	Amounts	
			Current YTD 2023-2024\	Anticipated Revenue 2024-2025
401-449	Taxes	614,661	669,832	650,000
450-500	Federal Grants			
528	Federal Revenue Sharing			
529-539	Other Federal Grants			
540-573	State Grants			
574-579	State Revenue Sharing	1,267,517	864,770	1,200,000
581-592	Grants from Local Units			
600-651	Charges for Services	26,692	25,359	30,000
655-663	Fines & Forfeits			
664-667	Interest & Dividends	28,198	6,091	5,000
668-671	Rents & Royalties	215,073	144,416	180,000
673	Sale of Fixed Assets			
674-678	Contributions			
676	Appropriations from other funds			
677-686	Reimbursements		469	
678-693	Refunds			
694-699	Other Revenue	5,749	370	
Balance on hand at beginning of year		4,056,527	4,615,525	3,491,356
TOTAL REVENUES		6,214,416	6,326,833	5,556,356

Signature and title of the person who compiled this proposed budget

Robert W. Danvey SUPERVISOR
Signature Title

Current State Equalized Valuation:

1,024,068,790

We hereby certify that the above is correct to the best of our knowledge:

TO: THE TAX ALLOCATION BOARD

The following amount will be required from local taxation

0.7376 mills

Supervisor: Robert W. Danvey

Clerk: Jammy R. Beal

Treasurer: Saul Brown

TAXES VOTED BY ELECTORS:

- 1. For Blds. & Site _____ mills
- 2. For Debt Retirement _____ mills
- 3. For Operation _____ mills
- 4. For Roads _____ mills

Budget Summary

Marion Township

July 1, 2024- June 30, 2025

Expenditures

Classification Account Number	Account Description	Amounts		
		Actual Prior Year 2022-2023	Current YTD 2023-2024\	Proposed Budget 2024-2025
101	Township Board	73,116	35,290	55,000
171	Supervisor's Office	55,125	46,856	60,000
191	Elections	40,812	57,220	100,000
209	Assessor	124,539	126,360	150,000
210	Attorney and Legal Fees	24,994	5,519	20,000
211	Professional Fees	29,573	29,436	35,000
215	Clerk's Office	99,529	87,345	120,000
247	Board of Review	1,986	2,174	2,800
253	Treasurer's Office	139,983	119,284	150,000
265	Building & Grounds	23,674	16,912	50,000
276	Cemetery	22,554	30,925	40,000
299	Unallocated	106,484	937,999	125,000
301	Police			
336	Fire			
371	Inspections & Buildings			
440	Public Works	42	5,058	10,000
445	Drains	4,690	383,081	15,000
446	Highways	243,287	361,832	500,000
450	Street Lighting			
526	Sanitary Landfill			
691	Library			
738	Recreation	130,675	156,225	140,000
801	Planning & Zoning	77,125	54,909	80,000
851	Payroll & Benefits expense	310,669	274,304	320,000
941	Contingencies			25,000
945	Debt Service			
954	Insurance & Bonds	90,034	104,749	120,000
Total Expenditures		1,598,891	2,835,477	2,117,800
Appropriations to other funds				
Other Uses				
Amounts needed for Contingencies				
Balance on hand at end of year		4,615,525	3,491,356	3,438,556
TOTAL EXPENDITURES AND OTHER USES		1,598,891	2,835,477	2,117,800

#101 General Fund Profit & Loss Budget vs. Actual July 2023 through June 2024

	Jul '23 - Jun 24	Budget	\$ Over Budget	% of Budget
Income				
402-001 · PROP TAX - MARION ALLOCATION	501,215.29	475,000.00	26,215.29	105.5%
402-002 · PENALTY & INTEREST	0.00	0.00	0.00	0.0%
412-001 · DELINQUENT PERSONAL PROP TAX	0.00	0.00	0.00	0.0%
432-001 · ACT 451 swamp land PILT	0.00	0.00	0.00	0.0%
439-001 · TAX CHARGE BACKS	-229.88	-5,000.00	4,770.12	4.6%
447-001 · ADMIN FEES	164,707.38	135,000.00	29,707.38	122.0%
448-001 · SUMMER TAX COLLECT-SCHOOL&SET	16,551.65	15,000.00	1,551.65	110.3%
450-001 · ASMNTS-PRIN	0.00	0.00	0.00	0.0%
450-002 · ASMNTS-INTEREST	0.00	0.00	0.00	0.0%
477-001 · CHARTER (SPECTRUM)	95,240.58	130,000.00	-34,759.42	73.3%
477-002 · DIRECT TV VIDEO FRANCHISE FEES	7,434.04	10,000.00	-2,565.96	74.3%
490-001 · SPECIAL USE PERMIT	1,500.00	0.00	1,500.00	100.0%
491-001 · LAND USE PERMITS	5,300.00	5,000.00	300.00	106.0%
491-002 · LAND DIVISION APP	225.00	500.00	-275.00	45.0%
491-003 · LAND COMBINATION PERMIT	75.00	0.00	75.00	100.0%
491-004 · DOG LICENSES	112.50	100.00	12.50	112.5%
502-001 · GRANT INCOME	0.00	0.00	0.00	0.0%
530-852 · WATER-SEWER REU - HIGHLAND PAID	0.00	0.00	0.00	0.0%
540-001 · STATE OF MICH COV-RELEIF GRANT	0.00	0.00	0.00	0.0%
574-001 · STATE REV SHARING	864,770.00	1,100,000.00	-235,230.00	78.6%
574-002 · LCSA Dist. Act Pay. - DONT USE	0.00	0.00	0.00	0.0%
574-003 · LCSA DIST. / METRO PAYMENTS	6,948.48	10,000.00	-3,051.52	69.5%
580-001 · ACT 425- CITY OF HOWELL	4,139.35	4,000.00	139.35	103.5%
581-001 · CENTER FOR TECH & CIVIC GRANT	0.00	0.00	0.00	0.0%
581-002 · COUNTY GRANT - CDBG CARES GRANT	0.00	0.00	0.00	0.0%
581-003 · ALL GRANT FUNDS	0.00	0.00	0.00	0.0%
581-004 · Donations	0.00	0.00	0.00	0.0%
583-000 · INCOME - OTHER	0.00	0.00	0.00	0.0%
600-001 · ZBA MEETING FEES	400.00	0.00	400.00	100.0%
600-002 · SITE PLAN - SUP - MTG FEES	500.00	0.00	500.00	100.0%
600-003 · BOUNDARY LINE CHANGE	75.00	0.00	75.00	100.0%
600-004 · SPECIAL EVENT PERMITS	600.00	0.00	600.00	100.0%
600-005 · DEVELOP FEES - PREPLAN - PUD	0.00	0.00	0.00	0.0%
600-006 · FOIA REQUESTS	0.00	0.00	0.00	0.0%
600-007 · Community Initiative - ITC	0.00	0.00	0.00	0.0%
600-008 · ELECTION- CANDIDATE FILING FEE	400.00	0.00	400.00	100.0%
649-000 · HERITAGE DAYS				
649-001 · Vendors	0.00	0.00	0.00	0.0%
649-002 · Sponsors/Ads	0.00	0.00	0.00	0.0%
649-003 · Starter Money	0.00	0.00	0.00	0.0%
649-004 · Proceeds	0.00	0.00	0.00	0.0%
649-000 · HERITAGE DAYS - Other	0.00	0.00	0.00	0.0%
Total 649-000 · HERITAGE DAYS	0.00	0.00	0.00	0.0%
665-001 · INTEREST	6,091.07	2,500.00	3,591.07	243.6%
665-999 · INTEREST SWEEP - GENERAL FUND	0.00	0.00	0.00	0.0%
667-001 · HALL RENTAL	1,600.00	0.00	1,600.00	100.0%
667-002 · FIRE STATION LEASE	0.00	0.00	0.00	0.0%
667-003 · AT&T CELL TOWER LEASE	22,242.79	27,000.00	-4,757.21	82.4%
667-004 · VERIZON CELL TOWER LEASE-MONTH	10,950.03	13,000.00	-2,049.97	84.2%
671-001 · SALES & COPIES	20.00	0.00	20.00	100.0%
672-001 · OTHER	-29.69	0.00	-29.69	100.0%
676-001 · Reimb from Flex sav	0.00	0.00	0.00	0.0%
676-002 · ELECTION REIMBURSEMENTS	0.00	12,000.00	-12,000.00	0.0%
676-003 · Reim from State	468.99	0.00	468.99	100.0%
696-001 · LOAN PROCEEDS	0.00	0.00	0.00	0.0%
699-000 · Trans - in	0.00	0.00	0.00	0.0%
699-445 · Trans-In Water #445	0.00	0.00	0.00	0.0%
699-843 · Trans in fund #843- bonnie cir	0.00	0.00	0.00	0.0%
Total Income	1,711,307.58	1,934,100.00	-222,792.42	88.5%

#101 General Fund Profit & Loss Budget vs. Actual July 2023 through June 2024

	Jul '23 - Jun 24	Budget	\$ Over Budget	% of Budget
Cost of Goods Sold				
50000 · Cost of Goods Sold	0.00	0.00	0.00	0.0%
Total COGS	0.00	0.00	0.00	0.0%
Gross Profit	1,711,307.58	1,934,100.00	-222,792.42	88.5%
Expense				
101-000 · TOWNSHIP BOARD				
101-702 · TRUSTEES	30,780.32	37,000.00	-6,219.68	83.2%
101-704 · RECORDING SECRETARY	1,970.00	3,500.00	-1,530.00	56.3%
101-765 · LUNCH STIPEND	0.00	50.00	-50.00	0.0%
101-791 · MTA MEMBERSHIP	0.00	8,000.00	-8,000.00	0.0%
101-805 · ORDINANCE ENFORCEMENT	0.00	35,000.00	-35,000.00	0.0%
101-860 · MILEAGE	0.00	100.00	-100.00	0.0%
101-900 · PRINTING & PUB	2,194.40	3,000.00	-805.60	73.1%
101-910 · MEETINGS & SEMINARS	415.00	500.00	-85.00	83.0%
101-933 · SOFTWARE SUPPORT	0.00	0.00	0.00	0.0%
101-955 · MISCELLANEOUS	-69.99	100.00	-169.99	-70.0%
101-975 · CAPITAL OUTLAY	0.00	0.00	0.00	0.0%
101-000 · TOWNSHIP BOARD - Other	0.00	0.00	0.00	0.0%
Total 101-000 · TOWNSHIP BOARD	35,289.73	87,250.00	-51,960.27	40.4%
171-000 · SUPERVISOR				
171-702 · ANNUAL SALARY	46,856.21	57,000.00	-10,143.79	82.2%
171-703 · ASSISTANT WAGES	0.00	0.00	0.00	0.0%
171-750 · SUPPLIES	0.00	0.00	0.00	0.0%
171-751 · EXPENSES	0.00	0.00	0.00	0.0%
171-765 · LUNCH STIPEND	0.00	0.00	0.00	0.0%
171-860 · MILEAGE	0.00	0.00	0.00	0.0%
171-910 · TRAINING AND SEMINARS	0.00	1,500.00	-1,500.00	0.0%
171-955 · MISCELLANEOUS	0.00	0.00	0.00	0.0%
171-000 · SUPERVISOR - Other	0.00	0.00	0.00	0.0%
Total 171-000 · SUPERVISOR	46,856.21	58,500.00	-11,643.79	80.1%
215-000 · CLERK				
215-702 · ANNUAL SALARY	49,147.10	62,000.00	-12,852.90	79.3%
215-703 · DEPUTY CLERK SALARY	35,301.27	43,000.00	-7,698.73	82.1%
215-704 · CLERK - ASSISTANT	0.00	0.00	0.00	0.0%
215-750 · SUPPLIES	469.22	200.00	269.22	234.6%
215-765 · LUNCH STIPEND	75.00	150.00	-75.00	50.0%
215-791 · DUES AND PUBLICATIONS	356.00	750.00	-394.00	47.5%
215-860 · MILEAGE	361.74	800.00	-438.26	45.2%
215-910 · TRAINING AND SEMINARS	1,634.40	2,000.00	-365.60	81.7%
215-955 · MISCELLANEOUS	0.00	100.00	-100.00	0.0%
215-000 · CLERK - Other	0.00	0.00	0.00	0.0%
Total 215-000 · CLERK	87,344.73	109,000.00	-21,655.27	80.1%
247-000 · BOARD OF REVIEW				
247-702 · SALARIES	1,689.48	1,600.00	89.48	105.6%
247-900 · PRINTING & PUBLICATIONS	375.00	500.00	-125.00	75.0%
247-910 · Training & Seminars	0.00	250.00	-250.00	0.0%
247-955 · MISCELLANEOUS	109.09	100.00	9.09	109.1%
247-000 · BOARD OF REVIEW - Other	0.00	0.00	0.00	0.0%
Total 247-000 · BOARD OF REVIEW	2,173.57	2,450.00	-276.43	88.7%

#101 General Fund Profit & Loss Budget vs. Actual July 2023 through June 2024

	Jul '23 - Jun 24	Budget	\$ Over Budget	% of Budget
253-000 · TREASURER				
253-702 · ANNUAL SALARY	46,856.21	57,000.00	-10,143.79	82.2%
253-703 · DEPUTY TREASURER	35,337.28	42,000.00	-6,662.72	84.1%
253-704 · ASSISTANT TREAS	27,745.57	33,000.00	-5,254.43	84.1%
253-750 · SUPPLIES	523.76	1,000.00	-476.24	52.4%
253-765 · LUNCH STIPEND	75.00	400.00	-325.00	18.8%
253-791 · DUES & PUBLICATIONS	109.00	200.00	-91.00	54.5%
253-800 · SCANNER MAINT. FEE	0.00	0.00	0.00	0.0%
253-801 · ATTORNEY	0.00	0.00	0.00	0.0%
253-851 · POSTAGE - (receipts)	0.00	0.00	0.00	0.0%
253-860 · MILEAGE	597.37	1,300.00	-702.63	46.0%
253-910 · TRAINING & SEMINARS	2,146.52	3,000.00	-853.48	71.6%
253-955 · MISCELLANEOUS	0.00	0.00	0.00	0.0%
253-956 · Collecction Fees	0.00	0.00	0.00	0.0%
253-957 · MISC. TAX CHARGE BACK	0.00	0.00	0.00	0.0%
253-000 · TREASURER - Other	0.00	0.00	0.00	0.0%
Total 253-000 · TREASURER	113,390.71	137,900.00	-24,509.29	82.2%
257-000 · ASSESSOR				
257-702 · FIELD/PREP WORK FOR ASSESSOR	14,442.74	15,000.00	-557.26	96.3%
257-703 · ASSESSOR' S SALARY	59,813.00	73,000.00	-13,187.00	81.9%
257-704 · DEPUTY ASSESSOR SALARY	40,330.00	50,000.00	-9,670.00	80.7%
257-750 · SUPPLIES	1,314.12	500.00	814.12	262.8%
257-765 · LUNCH STIPEND	225.00	300.00	-75.00	75.0%
257-791 · DUES & MEMBERSHIPS	820.00	900.00	-80.00	91.1%
257-801 · ATTORNEY	0.00	0.00	0.00	0.0%
257-806 · OUTSIDE CONSULTANT	10.00	450.00	-440.00	2.2%
257-851 · Postage & Printing	4,601.17	5,000.00	-398.83	92.0%
257-860 · MILEAGE	1,413.45	2,000.00	-586.55	70.7%
257-910 · TRAINING AND SEMINARS	3,390.26	5,000.00	-1,609.74	67.8%
257-933 · SOFTWARE/TECHNOLOGY	0.00	0.00	0.00	0.0%
257-944 · On-Line Data	0.00	0.00	0.00	0.0%
257-955 · MISCELLANEOUS	0.00	0.00	0.00	0.0%
257-000 · ASSESSOR - Other	0.00	0.00	0.00	0.0%
Total 257-000 · ASSESSOR	126,359.74	152,150.00	-25,790.26	83.0%
260-000 · CONTINGENCY				
260-941 · CONTINGENCY	0.00	15,000.00	-15,000.00	0.0%
260-000 · CONTINGENCY - Other	0.00	0.00	0.00	0.0%
Total 260-000 · CONTINGENCY	0.00	15,000.00	-15,000.00	0.0%
262-000 · ELECTIONS				
262-702 · SALARY PRECINCT WORKERS	19,753.50	30,000.00	-10,246.50	65.8%
262-703 · EXTRA STAFF WORKERS	1,893.50	4,000.00	-2,106.50	47.3%
262-705 · JANITORIAL FOR ELECTIONS	180.50			
262-710 · PAYROLL SERVICES - ELEC. INSPEC	3,887.50	4,500.00	-612.50	86.4%
262-750 · SUPPLIES	6,143.78	5,500.00	643.78	111.7%
262-765 · LUNCH STIPEND	0.00	0.00	0.00	0.0%
262-851 · POSTAGE	4,190.09	3,000.00	1,190.09	139.7%
262-860 · MILEAGE	419.44	350.00	69.44	119.8%
262-900 · PRINTING & PUB	5,146.75	3,500.00	1,646.75	147.1%
262-931 · Equipment	4,962.00	7,000.00	-2,038.00	70.9%
262-955 · MISCELLANEOUS	0.00	2,000.00	-2,000.00	0.0%
262-956 · Elections Other	0.00	0.00	0.00	0.0%
262-957 · FOIA EXPENSE -NOV 2016 ELECTION	0.00	0.00	0.00	0.0%
262-958 · ELECTION SECURITY SUPPLIES	0.00	1,000.00	-1,000.00	0.0%
262-970 · NINE DAY EARLY VOTING EXPENSES	12,623.43	15,000.00	-2,376.57	84.2%
262-000 · ELECTIONS - Other	0.00	0.00	0.00	0.0%
Total 262-000 · ELECTIONS	59,200.49	75,850.00	-16,649.51	78.0%

#101 General Fund Profit & Loss Budget vs. Actual July 2023 through June 2024

	Jul '23 - Jun 24	Budget	\$ Over Budget	% of Budget
263-000 · SCHOOL ELECTIONS				
263-702 · SALARIES	5,832.95	12,000.00	-6,167.05	48.6%
263-750 · SUPPLIES	2,708.18	3,000.00	-291.82	90.3%
263-851 · POSTAGE	4,201.00	5,000.00	-799.00	84.0%
263-860 · MILEAGE - SCHOOL ELECTION	70.74	100.00	-29.26	70.7%
263-900 · PRINTING & PUB	0.00	0.00	0.00	0.0%
263-955 · MISCELLANEOUS	0.00	0.00	0.00	0.0%
263-000 · SCHOOL ELECTIONS - Other	-14,793.39	0.00	-14,793.39	100.0%
Total 263-000 · SCHOOL ELECTIONS	-1,980.52	20,100.00	-22,080.52	-9.9%
266-000 · ATTORNEY				
266-801 · GEN TWP ATTORNEY	5,519.07	12,000.00	-6,480.93	46.0%
266-802 · Gen Twp Atty - Lowe Tree Transp	0.00	0.00	0.00	0.0%
266-803 · SPECIAL ATTORNEYS	0.00	0.00	0.00	0.0%
266-804 · LEGAL SUPPORT	0.00	0.00	0.00	0.0%
266-805 · Attorney Other	0.00	0.00	0.00	0.0%
266-000 · ATTORNEY - Other	0.00	0.00	0.00	0.0%
Total 266-000 · ATTORNEY	5,519.07	12,000.00	-6,480.93	46.0%
267-000 · LITIGATION - CHESTNUT				
267-801 · LEGAL FEES	0.00	0.00	0.00	0.0%
267-802 · CONSULTANTS	0.00	0.00	0.00	0.0%
267-805 · ENGINEERING	0.00	0.00	0.00	0.0%
267-860 · Misc Expences (Mileage/Food)	0.00	0.00	0.00	0.0%
267-000 · LITIGATION - CHESTNUT - Other	0.00	0.00	0.00	0.0%
Total 267-000 · LITIGATION - CHESTNUT	0.00	0.00	0.00	0.0%
268-000 · LITIGATION - MARION OAKS				
268-801 · LEGAL FEES	0.00	0.00	0.00	0.0%
268-802 · CONSULTANTS	0.00	0.00	0.00	0.0%
268-805 · ENGINEERING	0.00	0.00	0.00	0.0%
268-000 · LITIGATION - MARION OAKS - Other	0.00	0.00	0.00	0.0%
Total 268-000 · LITIGATION - MARION OAKS	0.00	0.00	0.00	0.0%
269 · LITIGATION - AJR GROUP				
269-801 · LEGAL FEES	0.00	0.00	0.00	0.0%
269-802 · CONSULTANTS	0.00	0.00	0.00	0.0%
269 · LITIGATION - AJR GROUP - Other	0.00	0.00	0.00	0.0%
Total 269 · LITIGATION - AJR GROUP	0.00	0.00	0.00	0.0%
270-000 · PAYROLL				
270-704 · MISC Stipend	27,918.00	40,000.00	-12,082.00	69.8%
270-709 · EMPLOYER PAID - FICA & MEDICARE	37,180.41	46,500.00	-9,319.59	80.0%
270-710 · UNEMPLOYMENT TAX	0.00	0.00	0.00	0.0%
270-718 · BCBS INVOICE - Health Premium	162,189.54	180,000.00	-17,810.46	90.1%
270-719 · COBRA COVERAGE	0.00	0.00	0.00	0.0%
270-720 · BCBS EMPLOYEE Contrabution	-17,659.79	18,000.00	-35,659.79	-98.1%
270-724 · HSA CARD EMPLOYEE Contribution	0.00	0.00	0.00	0.0%
270-725 · HSA CARD EMPLOYER Contribution	60,600.00	61,000.00	-400.00	99.3%
270-726 · HRA CARD EMPLOYER Contribution	3,200.00	3,500.00	-300.00	91.4%
270-727 · FLEX EMPLOYEE Dependent	-1.00	0.00	-1.00	100.0%
270-728 · FLEX EMPLOYEE Health	0.00	0.00	0.00	0.0%
270-729 · FLEX-LIMITED PURPOSE-EE CONTRIB	0.00	0.00	0.00	0.0%
270-730 · Friend of Court	0.00	0.00	0.00	0.0%
270-731 · Garnishments	0.00	0.00	0.00	0.0%
270-800 · PAYROLL SERVICES	1,524.10	2,500.00	-975.90	61.0%
270-801 · Direct Deposit Fees Employee	0.00	0.00	0.00	0.0%
270-935 · Colonial Life Ins E4270229	-647.56	0.00	-647.56	100.0%
270-000 · PAYROLL - Other	0.00	0.00	0.00	0.0%
Total 270-000 · PAYROLL	274,303.70	351,500.00	-77,196.30	78.0%

#101 General Fund Profit & Loss Budget vs. Actual July 2023 through June 2024

	Jul '23 - Jun 24	Budget	\$ Over Budget	% of Budget
271-000 · BONDS & INSURANCE				
271-716 · EMPLOYER RETIRE. CONTRIB. D.C.	36,639.30	50,000.00	-13,360.70	73.3%
271-718 · INSURANCE/BONDS	65,198.39	65,000.00	198.39	100.3%
271-719 · DEDUCTIBLE	0.00	0.00	0.00	0.0%
271-720 · FEES-ADMIN	0.00	0.00	0.00	0.0%
271-000 · BONDS & INSURANCE - Other	2,911.25	3,000.00	-88.75	97.0%
Total 271-000 · BONDS & INSURANCE	104,748.94	118,000.00	-13,251.06	88.8%
276-000 · TOWNSHIP-GENERAL				
276-702 · SECRETARY	20,911.22	31,000.00	-10,088.78	67.5%
276-703 · CUSTODIAL	4,022.65	5,500.00	-1,477.35	73.1%
276-704 · SECRETARY COVID PAY 2021	0.00	0.00	0.00	0.0%
276-707 · Record Fees	0.00	0.00	0.00	0.0%
276-708 · Recording Fees	60.00	90.00	-30.00	66.7%
276-750 · SUPPLIES	5,840.95	7,500.00	-1,659.05	77.9%
276-752 · Recycle Bins	75.00	1,200.00	-1,125.00	6.3%
276-753 · TRASH REMOVAL	646.27	1,200.00	-553.73	53.9%
276-765 · LUNCH STIPEND	0.00	0.00	0.00	0.0%
276-800 · LAWN, SNOW REMOVAL	8,230.00	11,000.00	-2,770.00	74.8%
276-809 · BANK CHARGES	110.23	400.00	-289.77	27.6%
276-810 · COVID 19 EXPENSE ACT.	0.00	0.00	0.00	0.0%
276-850 · TELEPHONE	6,445.44	9,000.00	-2,554.56	71.6%
276-851 · POSTAGE	3,453.68	5,500.00	-2,046.32	62.8%
276-852 · CELLULAR	0.00	0.00	0.00	0.0%
276-860 · MILEAGE	229.36	300.00	-70.64	76.5%
276-920 · UTILITIES	8,713.10	12,000.00	-3,286.90	72.6%
276-925 · Cable	891.33	1,200.00	-308.67	74.3%
276-926 · INTERNET SERVICES	750.91	3,200.00	-2,449.09	23.5%
276-930 · MAJOR REPAIRS & GEN UPKEEP	3,701.00	7,500.00	-3,799.00	49.3%
276-931 · EQUIP. MAINT/LEASE	11,493.10	15,000.00	-3,506.90	76.6%
276-934 · HALL REPAIRS	237.00	500.00	-263.00	47.4%
276-955 · MISCELLANEOUS	201.58	500.00	-298.42	40.3%
276-956 · ESCROW REIMBURSEMENT	0.00	0.00	0.00	0.0%
276-957 · VOID	0.00	0.00	0.00	0.0%
276-958 · Escrow losses	0.00	0.00	0.00	0.0%
276-959 · CONTRIBUTIONS	0.00	0.00	0.00	0.0%
276-971 · Taxes-Aquired Property	0.00	0.00	0.00	0.0%
276-000 · TOWNSHIP-GENERAL - Other	0.00	0.00	0.00	0.0%
Total 276-000 · TOWNSHIP-GENERAL	76,012.82	112,590.00	-36,577.18	67.5%
277-000 · PROFESSIONAL FEES				
277-800 · Professional Fees	0.00	0.00	0.00	0.0%
277-804 · Planner/Consultant	0.00	1,000.00	-1,000.00	0.0%
277-805 · ENGINEERING FEES	0.00	1,500.00	-1,500.00	0.0%
277-806 · PAYROLL SERVICES	0.00	0.00	0.00	0.0%
277-809 · AUDIT CONTRACT	11,035.00	11,500.00	-465.00	96.0%
277-810 · ACCT SERVICES	0.00	1,000.00	-1,000.00	0.0%
277-811 · OTHER SERVICES - EDC	0.00	0.00	0.00	0.0%
277-933 · SOFTWARE SUPPORT	18,401.07	25,000.00	-6,598.93	73.6%
277-000 · PROFESSIONAL FEES - Other	0.00	0.00	0.00	0.0%
Total 277-000 · PROFESSIONAL FEES	29,436.07	40,000.00	-10,563.93	73.6%
278-000 · TAX ROLL				
278-802 · TAX ROLL PREP	2,895.31	3,000.00	-104.69	96.5%
278-851 · POSTAGE	2,997.68	3,000.00	-2.32	99.9%
278-925 · On-Line Data	0.00	0.00	0.00	0.0%
278-000 · TAX ROLL - Other	0.00	0.00	0.00	0.0%
Total 278-000 · TAX ROLL	5,892.99	6,000.00	-107.01	98.2%
445-955 · DRAINS MAINT	9,795.67			

#101 General Fund Profit & Loss Budget vs. Actual July 2023 through June 2024

	Jul '23 - Jun 24	Budget	\$ Over Budget	% of Budget
450-000 · ROADS				
450-804 · Planner	0.00	0.00	0.00	0.0%
450-934 · DUST CONTROL	39,665.43	75,000.00	-35,334.57	52.9%
450-967 · ROAD MAINTENANCE	322,166.83	500,000.00	-177,833.17	64.4%
450-000 · ROADS - Other	0.00	0.00	0.00	0.0%
Total 450-000 · ROADS	361,832.26	575,000.00	-213,167.74	62.9%
527-000 · DRAINS				
527-931 · DRAIN MAINTENANCE	373,285.28	400,000.00	-26,714.72	93.3%
527-000 · DRAINS - Other	0.00	1,000.00	-1,000.00	0.0%
Total 527-000 · DRAINS	373,285.28	401,000.00	-27,714.72	93.1%
536-000 · PUBLIC WORKS DPT				
536-702 · SALARY	5,000.00	6,000.00	-1,000.00	83.3%
536-703 · WEST NILE VIRUS (P/R)	0.00	0.00	0.00	0.0%
536-750 · SUPPLIES	58.18	100.00	-41.82	58.2%
536-765 · LUNCH STIPEND	0.00	0.00	0.00	0.0%
536-804 · WATERSHED PLANNING	0.00	0.00	0.00	0.0%
536-851 · POSTAGE	0.00	0.00	0.00	0.0%
536-852 · REIMBURSE FROM WAT/SEWER	0.00	-6,000.00	6,000.00	0.0%
536-855 · WATER-SEWER REU - HIGHLAND PAID	0.00	0.00	0.00	0.0%
536-860 · MILEAGE	0.00	25.00	-25.00	0.0%
536-910 · SEMINARS	0.00	0.00	0.00	0.0%
536-955 · MISCELLANEOUS	0.00	0.00	0.00	0.0%
536-000 · PUBLIC WORKS DPT - Other	0.00	0.00	0.00	0.0%
Total 536-000 · PUBLIC WORKS DPT	5,058.18	125.00	4,933.18	4,046.5%
537-000 · NPDES PHASE II				
537-702 · SALARY	0.00	0.00	0.00	0.0%
537-801 · SWPPI	0.00	0.00	0.00	0.0%
537-806 · RAIN GARDEN	0.00	0.00	0.00	0.0%
537-812 · PERMIT	0.00	0.00	0.00	0.0%
537-956 · OTHER ACTIVITIES	0.00	0.00	0.00	0.0%
537-000 · NPDES PHASE II - Other	0.00	0.00	0.00	0.0%
Total 537-000 · NPDES PHASE II	0.00	0.00	0.00	0.0%
567-000 · CEMETERY				
567-702 · SEXTON SALARY	5,925.15	7,500.00	-1,574.85	79.0%
567-705 · CLEAN-UP	0.00	0.00	0.00	0.0%
567-931 · GROUND MAINT & REPAIR	0.00	0.00	0.00	0.0%
567-955 · MISCELLANEOUS	0.00	50.00	-50.00	0.0%
567-995 · TRANS TO CEMETERY FUND	25,000.00	25,000.00	0.00	100.0%
567-000 · CEMETERY - Other	0.00	0.00	0.00	0.0%
Total 567-000 · CEMETERY	30,925.15	32,550.00	-1,624.85	95.0%
701-000 · PLANNING COMMISSION				
701-702 · SALARIES	6,905.25	11,100.00	-4,194.75	62.2%
701-705 · RECORDING SECRETARY	2,095.00	3,000.00	-905.00	69.8%
701-750 · SUPPLIES	0.00	100.00	-100.00	0.0%
701-765 · LUNCH STIPEND	0.00	0.00	0.00	0.0%
701-801 · ATTORNEY	208.65	1,000.00	-791.35	20.9%
701-804 · PLANNER	2,972.50	17,000.00	-14,027.50	17.5%
701-805 · ENGINEER	0.00	0.00	0.00	0.0%
701-806 · PROFESS SERV - PREAPPLICATION	0.00	0.00	0.00	0.0%
701-860 · MILEAGE	26.20	50.00	-23.80	52.4%
701-900 · PRINTING & PUB.	425.00	750.00	-325.00	56.7%
701-905 · MASTER PLAN 2005	0.00	0.00	0.00	0.0%
701-910 · TRAINING FOR PLANNING COMMISSIO	1,083.00	1,250.00	-167.00	86.6%
701-955 · MISCELLANEOUS	0.00	0.00	0.00	0.0%
701-956 · MASTERPLAN 2018	0.00	0.00	0.00	0.0%
701-000 · PLANNING COMMISSION - Other	0.00	0.00	0.00	0.0%
Total 701-000 · PLANNING COMMISSION	13,715.60	34,250.00	-20,534.40	40.0%

#101 General Fund Profit & Loss Budget vs. Actual July 2023 through June 2024

	Jul '23 - Jun 24	Budget	\$ Over Budget	% of Budget
702-000 · ZONING ADMINISTRATOR				
702-702 · SALARY	39,347.19	47,500.00	-8,152.81	82.8%
702-704 · ASSIST. ZONING ADMIN.	0.00	0.00	0.00	0.0%
702-706 · INSPECTION FEES	0.00	0.00	0.00	0.0%
702-710 · ATTEND BOARD MEETINGS	0.00	400.00	-400.00	0.0%
702-750 · SUPPLIES	148.44	250.00	-101.56	59.4%
702-765 · LUNCH STIPEND	0.00	0.00	0.00	0.0%
702-801 · ATTORNEY	0.00	500.00	-500.00	0.0%
702-804 · PLANNER	0.00	0.00	0.00	0.0%
702-805 · ENGINEER	0.00	0.00	0.00	0.0%
702-860 · MILEAGE	899.75	1,400.00	-500.25	64.3%
702-910 · TRAINING AND SEMINARS	0.00	250.00	-250.00	0.0%
702-955 · MISCELLANEOUS	0.00	0.00	0.00	0.0%
702-000 · ZONING ADMINISTRATOR - Other	0.00	0.00	0.00	0.0%
Total 702-000 · ZONING ADMINISTRATOR	40,395.38	50,300.00	-9,904.62	80.3%
703-000 · ZONING BOARD OF APPEALS				
703-702 · SALARIES	519.75	3,500.00	-2,980.25	14.9%
703-703 · RECORDING SECRETARY	110.00	500.00	-390.00	22.0%
703-750 · SUPPLIES	0.00	0.00	0.00	0.0%
703-765 · LUNCH STIPEND	0.00	0.00	0.00	0.0%
703-801 · ATTORNEY	0.00	1,000.00	-1,000.00	0.0%
703-804 · PLANNER	0.00	0.00	0.00	0.0%
703-805 · ENGINEER	0.00	0.00	0.00	0.0%
703-900 · PRINTING & PUB	52.50	200.00	-147.50	26.3%
703-910 · TRAINING SEMINARS	115.50	750.00	-634.50	15.4%
703-955 · MISCELLANEOUS	0.00	0.00	0.00	0.0%
703-000 · ZONING BOARD OF APPEALS - Other	0.00	0.00	0.00	0.0%
Total 703-000 · ZONING BOARD OF APPEALS	797.75	5,950.00	-5,152.25	13.4%
751-000 · RECREATION DEPARTMENT				
751-702 · SALARY FOR REP	1,975.00	3,000.00	-1,025.00	65.8%
751-800 · HAPRA RECR CONTRACT	122,250.00	130,000.00	-7,750.00	94.0%
751-808 · MARION RECREATION	0.00	100,000.00	-100,000.00	0.0%
751-931 · MAINTENANCE RECREATION	0.00	0.00	0.00	0.0%
751-955 · OTHER	0.00	25.00	-25.00	0.0%
751-995 · TRANS TO RECREATION FUND	32,000.00	12,000.00	20,000.00	266.7%
751-000 · RECREATION DEPARTMENT - Other	0.00	0.00	0.00	0.0%
Total 751-000 · RECREATION DEPARTMENT	156,225.00	245,025.00	-88,800.00	63.8%
970-000 · BLDG IMP. CAPITAL OUTLAY				
970-698 · TRANS IN FROM LOVES CREEK	0.00	0.00	0.00	0.0%
970-699 · TRANS IN FROM BLDG FUND	0.00	0.00	0.00	0.0%
970-974 · TWP HALL EXPANSION - COST	867,433.19	1,000,000.00	-132,566.81	86.7%
970-975 · TWP HALL EXPANSION - DESIGN	0.00	0.00	0.00	0.0%
970-976 · FIRE HALL IMPROVEMENTS	0.00	0.00	0.00	0.0%
970-977 · TWP PARKING LOT EXPANSION 2021	0.00	0.00	0.00	0.0%
970-985 · OUTSIDE CONSULTANT	0.00	0.00	0.00	0.0%
970-986 · TORNADO SIREN	850.00	900.00	-50.00	94.4%
970-988 · MORTGAGE PMTS	0.00	0.00	0.00	0.0%
970-995 · TRANS TO BLDG FUND	0.00	0.00	0.00	0.0%
970-000 · BLDG IMP. CAPITAL OUTLAY - Other	0.00	75,000.00	-75,000.00	0.0%
Total 970-000 · BLDG IMP. CAPITAL OUTLAY	868,283.19	1,075,900.00	-207,616.81	80.7%
971-000 · EQUIPMENT& LAND				
971-975 · FURNITURE & FIXTURES	0.00	3,000.00	-3,000.00	0.0%
971-976 · LAND	0.00	0.00	0.00	0.0%
971-977 · COMPUTERS/SOFTWARE	10,614.89	10,000.00	614.89	106.1%
971-978 · VOTING MACHINES	0.00	0.00	0.00	0.0%
971-000 · EQUIPMENT& LAND - Other	0.00	0.00	0.00	0.0%
Total 971-000 · EQUIPMENT& LAND	10,614.89	13,000.00	-2,385.11	81.7%

11:41 AM

04/11/24

Accrual Basis

#101 General Fund
Profit & Loss Budget vs. Actual
July 2023 through June 2024

	Jul '23 - Jun 24	Budget	\$ Over Budget	% of Budget
995-000 · TRANSFERS OUT				
995-843 · TRANSFERS - ROAD FUND #843	0.00	0.00	0.00	0.0%
995-999 · TRANS TO LAND AQUISITION FUND	0.00	50,000.00	-50,000.00	0.0%
995-000 · TRANSFERS OUT - Other	0.00	0.00	0.00	0.0%
	<u>0.00</u>	<u>50,000.00</u>	<u>-50,000.00</u>	<u>0.0%</u>
Total 995-000 · TRANSFERS OUT	0.00	50,000.00	-50,000.00	0.0%
999-000 · Uncategorized Expenses				
999-990 · Reconciliation Discrepancies	0.00	0.00	0.00	0.0%
999-000 · Uncategorized Expenses - Other	0.00	0.00	0.00	0.0%
	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.0%</u>
Total 999-000 · Uncategorized Expenses	0.00	0.00	0.00	0.0%
Total Expense	<u>2,835,476.60</u>	<u>3,781,390.00</u>	<u>-945,913.40</u>	<u>75.0%</u>
Net Income	<u>-1,124,169.02</u>	<u>-1,847,290.00</u>	<u>723,120.98</u>	<u>60.9%</u>

MEMO

To: Marion Township Board
From: Bob Hanvey
Subject: Purchase of Development Rights
Date: April 18, 2024

Attached to this memo are two pages relating to a millage to fund the Purchase of Development Rights. The ordinance relating to PDRs was approved at the October 12, 2023 Board meeting.

The first page is a draft of the language that could be used for a ballot proposal. The second page is an information page about the PDR proposal.

The Township Board must approve the language in order to get it on the ballot.

PROPOSAL X

MARION TOWNSHIP FARMLAND AND OPEN SPACE LAND PRESERVATION MILLAGE

PROPOSAL TO PERMANENTLY PRESERVE FARMLAND AND OPEN SPACE THROUGHOUT THE TOWNSHIP BY PROVIDING FUNDING FOR THE VOLUNTARY PURCHASE OF DEVELOPMENT RIGHTS (PDR).

Shall the Township of Marion permanently preserve farmland, open space, wildlife habitat, scenic views, and protect drinking water by funding the voluntary purchase of development rights (PDR) in land throughout the Township, and enable the Township to optionally take advantage of matching funds from the State of Michigan and elsewhere, by levying the authorized millage for the Township of Marion by ~~1.00 mills~~ (\$ ~~1.00~~ per \$1,000 of taxable value) for the ten fiscal years 2025 through 2034, inclusive. In the first year the estimated revenue will be \$ ~~757,800.~~

The following is for informative purposes only;

Any remaining funds in the PDR account held by the Township of Marion after the ten year term of this proposal will be used to fund any voluntary purchase of development rights for open spaces or farmland in the Township of Marion. These remaining funds can be also be used to fund the voluntary purchase of interests in land for the development of parks, walking and bike trails, cemeteries, and other recreational opportunities throughout the Township of Marion.

Why Should We Support a Purchase of Development Rights (PDR) Program

A Purchase of Development Rights (PDR) program creates the ability for a local government to limit or prevent development of land in accord with community growth management and land protection goals while landowners of the land are provided financial compensation for the protection of their land.

Purchasing development rights from landowners and creating development restrictions allows local governments to maintain wildlife habitats while letting private property owners continue to use the land in a limited fashion as outlined in the conservation easement. The local government by purchasing development rights can help implement comprehensive plan objectives as well as limiting infrastructure costs (water, sewer, and power lines, power generation, roads, etc.) associated with urban sprawl and rural development. In addition, by limiting development, the local government can safeguard farmland, open spaces, watersheds and mitigate the effects of storm runoff and associated costs as well as possibly preventing floods.

What is a Purchase of Development Rights (PDR) Program?

Purchase of Development Rights (PDR) programs are incentive based, **voluntary programs**, administered by a public or government agency or a land trust, that purchase conservation easements from landowners in order to remove the element of future development from eligible lands. PDR programs also seek to permanently protect productive, sensitive, or aesthetic landscapes.

The landowner is allowed to continue their farming activities as usual while abiding to the restrictions of the conservation easement. The landowner or heirs may sell the property at a future date if they so desire, however, the conservation easement is permanently recorded on the property title, it accompanies the land in perpetuity.

What is a Conservation Easement?

A conservation easement is a **voluntary legal agreement** between a landowner and a land trust or government agency that permanently limits uses of the land, such as development, in order to protect its conservation values. Landowners retain many of their rights, including the right to own and use the land, sell it and pass it on to their heirs.

Good Afternoon,

It's been four years since the last countywide aerial flight so it's time to start planning the next flight scheduled in Spring 2025. The state has changed their timeline from every 5 years to every 4 years, but I was able to postpone our upcoming flight to 2025, that said the next flight will likely take place in 2028 to fall back into the State's schedule. For this flight, my recommendation is to go with a countywide 6 inch buy-up. Between the file size, cost, and slight difference in image quality, I believe the 6 inch resolution provides the best value for the money (especially with some units now purchasing imagery as a service like Nearmap or Pictometry).

As a participant in this buy-up you will receive a copy of imagery for your local unit in MrSID format that you will own and can use how you see fit, such as use providing to contractors or consultants that work for you. The MrSID format imagery can be used within desktop based BS&A Software and GIS software. This imagery will also be loaded into the county's Public Parcel Viewer which is utilized by several local units as well as residents, businesses and property owners within the county.

Below is a cost share estimate based on the specifications from the 2015 and 2020 flights. Under this plan, County IT, Drain Commissioner, and Road Commission would kick in about \$5000 each and the remainder is divided among the local units using an average of Area, Population, and Parcel Count.

This is a rough draft estimate based on everybody chipping in for the 6 inch resolution imagery at 2025 pricing (500-1000 sqmi = \$56.48/sqmi). Pricing could change depending on participation and final requested imagery specifications. I have also included a map showing imagery tile distribution among the local units. If a tile covered by roughly 50% or more by a unit (or is a county border tile), that tile is assigned to that local unit. I have also included the MISALL Pricing for your reference.

LIVINGSTON COUNTY 2025 ORTHOIMAGERY PROJECT
 PARTNER WITH THE STATE OF MICHIGAN (MISAL Program)
 COST PER PARTNER FOR BUY-UP OPTION (6 INCH RESOLUTION IMAGERY)

	6 INCH COST ESTIMATE						
	AREA	POPULATION	PARCELS	AREA	POPULATION	PARCELS	AVERAGE
BRIGHTON CITY	3.59	7,446	3,544	\$ 114.68	\$ 751.48	\$ 807.53	\$ 557.90
BRIGHTON TWP	35.65	19,132	8,688	\$ 1,139.61	\$ 1,930.88	\$ 1,979.64	\$ 1,683.37
COHOCTAH	38.56	3,246	1,878	\$ 1,232.78	\$ 327.60	\$ 427.92	\$ 662.77
CONWAY	41.92	3,608	1,845	\$ 1,340.29	\$ 364.13	\$ 420.40	\$ 708.27
DEERFIELD TWP	38.11	4,173	2,212	\$ 1,218.45	\$ 421.16	\$ 504.02	\$ 714.54
FOWLERVILLE	2.47	2,951	1,013	\$ 78.84	\$ 297.83	\$ 230.82	\$ 202.50
GENOA TWP	37.66	20,667	8,700	\$ 1,204.11	\$ 2,085.80	\$ 1,982.37	\$ 1,757.43
GREEN OAK TWP	40.35	19,543	8,050	\$ 1,290.12	\$ 1,972.36	\$ 1,834.26	\$ 1,698.91
HAMBURG TWP	37.22	21,292	10,192	\$ 1,189.78	\$ 2,148.88	\$ 2,322.33	\$ 1,887.00
HANDY	34.52	5,651	2,935	\$ 1,103.77	\$ 570.32	\$ 668.76	\$ 780.95
HARTLAND TWP	38.78	15,278	5,923	\$ 1,239.95	\$ 1,541.92	\$ 1,349.61	\$ 1,377.16
HOWELL CITY	5.60	10,068	3,534	\$ 179.18	\$ 1,016.10	\$ 805.25	\$ 666.85
HOWELL TWP	33.18	7,893	3,455	\$ 1,060.77	\$ 796.59	\$ 787.25	\$ 881.54
IOSCO	37.66	3,870	2,133	\$ 1,204.11	\$ 390.58	\$ 486.02	\$ 693.57
MARION	34.52	11,245	5,301	\$ 1,103.77	\$ 1,134.89	\$ 1,207.88	\$ 1,148.85
OCEOLA TWP	35.65	14,623	5,731	\$ 1,139.61	\$ 1,475.81	\$ 1,305.86	\$ 1,307.09
PINCKNEY	1.79	2,387	963	\$ 57.34	\$ 240.91	\$ 219.43	\$ 172.56
PUTNAM	36.09	5,503	3,280	\$ 1,153.94	\$ 555.39	\$ 747.38	\$ 818.90
TYRONE	40.58	11,957	4,419	\$ 1,297.29	\$ 1,206.75	\$ 1,006.91	\$ 1,170.31
UNADILLA	37.89	3,333	2,072	\$ 1,211.28	\$ 336.38	\$ 472.12	\$ 673.26
TOTAL	612.00	193,866	85,868	\$ 19,565.76	\$ 19,565.76	\$ 19,565.76	\$ 19,565.76
COST SPLITS	\$ 31.97	\$ 0.10	\$ 0.23				

COUNTYWIDE PARTNERS	
LIVINGSTON COUNTY GIS	\$ 5,000.00
LC ROAD COMMISSION	\$ 5,000.00
LIVINGSTON COUNTY DRAIN	\$ 5,000.00
TOTAL	\$ 15,000.00

COST FOR BUY-UP OPTIONS PER SQMI	
3 INCH PIXEL RESOLUTION = \$240.54 (AREAS > 100 SQMI)	
3 INCH PIXEL RESOLUTION = \$442.88 (AREAS < 100 SQMI)	
6 INCH PIXEL RESOLUTION = \$56.48	

TOTAL PROJECT COSTS			
3 INCH IMAGERY	612	\$ 34,565.76	\$ 19,565.76
6 INCH IMAGERY			\$ (15,000.00)
TOTAL COST	612	\$ 34,565.76	\$ (15,000.00)

PRICING AND COST SHARE IS BASED CURRENT IMAGERY SPECIFICATION SELECTIONS AS OF MARCH 18, 2024

Map of MISAIL Imagery Tiles by Local Unit

Feel free to contact me with questions and I look forward to moving this project forward.

Thanks,

Sandon Lettieri

GIS Analyst

Livingston County

[SLettieri@lv.gov.com](mailto:SLettieri@lv.gov)

P: (517) 540 – 8780

F: (517) 545 - 9608

MISAIL Spring 2024 Flight Planning and Buyups

Larger areas and contiguity provide cost savings

AOI	SQ MILES	COST/SQ MILE	TOTAL COST	COMMENT
State Cost	600	\$26.77	\$0.00	12" base product - NO COST with GIS Data Exchange
6" Countywide Example	600	\$56.48	\$33,888.00	6" buyup for full county AOI 501-1000 sq miles
TOTAL			\$33,888.00	
Small Area Buyups				
6 inch				
10-100	10-100	\$218.20		6" buyup - flown w/in 12" AOI 10-100 sq miles
101-500	101-500	\$84.77		6" buyup - flown w/in 12" AOI 101-500 sq miles
501-1000	501-1000	\$56.48		6" buyup for full county AOI 501-1000 sq miles
>1001	>1001	\$50.24		6" buyup - flown w/in 12" AOI >1001 sq miles
3 inch				
10-100	10-100	\$442.88		3" buyup - flown w/in 12" AOI 10-100 sq miles
101-500	101-500	\$240.54		3" buyup - flown w/in 12" AOI 101-500 sq miles
501-1000	501-1000	\$194.94		3" buyup - flown w/in 12" AOI 501-1000 sq miles
>1001	>1001	\$183.46		3" buyup - flown w/in 12" AOI >1001 sq miles

Use the regional acquisition map to plan ahead

[MISAIL Regional Acquisition Planning Map](#)



April 11, 2024

Robert Hanvey, Township Supervisor
Marion Township Hall
2877 W. Coon Lake Road
Howell, MI 48843

RE: Marion Township Walking Path
VIA EMAIL

Robert,

We have received and tabulated contractor bids for the above-referenced project. The complete bid tabulation is attached, but below is a summary of the total bid prices submitted:

<u>Contractor</u>	<u>Total Bid Price</u>
Joe Raica Excavating Inc.....	\$486,929.00
Fonson Company, Inc.	\$809,458.10

We recommend the award of this project to Joe Raica Excavating, Inc at the unit prices bid which, when applied to the estimated quantities, results in a total bid of four-hundred eighty-six thousand, nine hundred twenty-nine dollars. (\$486,929.00). Of this bid, based on the estimated quantities, \$413,103.00 will be for the walking path and \$73,826.00 will be to pave the gravel parking driveway to the north of the Township Hall.

Joe Raica Excavating, Inc has a positive reputation based on similar work they have done in Livingston County, and we feel they are competent and qualified to perform the proposed work. Their bid package was complete with all the required documents. At your direction, we are prepared to issue a Notice of Award to the successful bidder.

If you have any questions or need further clarification, please feel free to contact us.

Sincerely,



Phil Westmoreland, P.E.
Project Manager

SPICER GROUP, INC
30300 Telegraph Rd. Suite 100
Bingham Farms, MI 480253
E-mail: philaw@spicergroup.com

Copy: SGI File 134529SG2023

Marion Township Walking Path
 PROJECT NO. 134529SG2023
 TAKEN ON: 10-Apr-24

Item No.	Estimated Quantity	Unit	Description	Joe Raica Excavating, Inc		Fonson Company, Inc		Spicer Group, Inc.	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
Section A									
1.	1	LS	Mobilization, Max 5%	\$23,187.00	\$23,187.00	\$39,500.00	\$39,500.00		
2.	0.20	ACRE	Clearing	\$15,000.00	\$3,000.00	\$8,500.00	\$1,700.00		
3.	1	EA	Tree Removal	\$2,000.00	\$2,000.00	\$1,875.00	\$1,875.00		
4.	4,964	FT	Walking Pathway, Grading	\$11.00	\$54,604.00	\$75.00	\$372,300.00		
5.	6,180	SYD	Aggregate Base, 8 inch	\$19.00	\$117,420.00	\$25.00	\$154,500.00		
6.	32	FT	Culv, CI II, CMP, 12 inch	\$25.00	\$800.00	\$55.00	\$1,760.00		
7.	2	EA	Culv End Sect, CMP, 12 inch	\$300.00	\$600.00	\$245.00	\$490.00		
8.	845	TON	HMA, 5EL	\$172.00	\$145,340.00	\$132.00	\$111,540.00		
9.	172	TON	HMA, 4EL	\$167.00	\$28,724.00	\$132.00	\$22,704.00		
10.	569	FT	Pavement Markings, Waterborne, 4 inch, White	\$4.00	\$2,276.00	\$2.15	\$1,223.35		
11.	569	FT	Pavement Markings, Waterborne, 4 inch, White, 2nd Applications	\$2.00	\$1,138.00	\$1.75	\$995.75		
12.	21,960	SYD	Restoration	\$4.00	\$87,840.00	\$1.00	\$21,960.00		
13.	185	CYD	Subgrade, Undercutting	\$50.00	\$9,250.00	\$87.00	\$16,095.00		
14.	550	SYD	Geogrid	\$5.00	\$2,750.00	\$3.30	\$1,815.00		
15.	1	LS	Outdoor Elect. Outlet Relocate	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00		
16.	1	LS	Soil Erosion and Sedimentation Control	\$6,000.00	\$6,000.00	\$60,000.00	\$60,000.00		
TOTAL AMOUNT OF BID						\$486,929.00	\$809,458.10		\$597,000.00
Alternates									
1.	1	LS	Mobilization, Max 5%	\$22,281.00	\$22,281.00	\$35,000.00	\$35,000.00		
2.	0.20	ACRE	Clearing	\$15,000.00	\$3,000.00	\$8,500.00	\$1,700.00		
3.	1	EA	Tree Removal	\$2,000.00	\$2,000.00	\$1,875.00	\$1,875.00		
4.	4,477	FT	Walking Pathway, Grading	\$11.00	\$49,247.00	\$75.00	\$335,775.00		
5.	5,580	SYD	Aggregate Base, 8 inch	\$19.00	\$106,020.00	\$25.00	\$139,500.00		
6.	32	FT	Culv, CI II, CMP, 12 inch	\$25.00	\$800.00	\$55.00	\$1,760.00		
7.	2	EA	Culv End Sect, CMP, 12 inch	\$300.00	\$600.00	\$245.00	\$490.00		
8.	778	TON	HMA, 5EL	\$172.00	\$133,816.00	\$132.00	\$102,696.00		
9.	172	TON	HMA, 4EL	\$167.00	\$28,724.00	\$132.00	\$22,704.00		
10.	569	FT	Pavement Markings, Waterborne, 4 inch, White	\$4.00	\$2,276.00	\$2.15	\$1,223.35		
11.	569	FT	Pavement Markings, Waterborne, 4 inch, White, 2nd Applications	\$2.00	\$1,138.00	\$1.75	\$995.75		
12.	19,800	SYD	Restoration	\$5.00	\$99,000.00	\$1.00	\$19,800.00		
13.	185	CYD	Subgrade, Undercutting	\$50.00	\$9,250.00	\$87.00	\$16,095.00		
14.	550	SYD	Geogrid	\$5.00	\$2,750.00	\$3.30	\$1,815.00		
15.	1	LS	Outdoor Elect. Outlet Relocate	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00		
16.	1	LS	Soil Erosion and Sedimentation Control	\$5,000.00	\$5,000.00	\$66,000.00	\$66,000.00		
Alternates Total						\$467,902.00	\$748,429.10		\$547,000.00