

EATON COUNTY BOARD OF COMMISSIONERS



Tim Barnes
Blake Mulder
Terrance Augustine
Brandon Haskell
Jeanne Pearl-Wright

Trevor "TJ" Youngquist
Mark Mudry
Joseph C. Brehler
Brian Droscha
Jacob Toomey

Scott Hansen
Brian Lautzenheiser
Jim Mott - Chairman
Frank Holmes
Barbara A. Rogers - Vice Chairman

EATON COUNTY BOARD OF COMMISSIONERS/PUBLIC WORKS AND PLANNING COMMITTEE

WEDNESDAY, NOVEMBER 8, 2023
9:00 A.M.

BOARD OF COMMISSIONERS' ROOM, COUNTY COURTHOUSE, CHARLOTTE

AGENDA

1. Call to Order.
2. Pledge of Allegiance.
3. Agenda Additions and Changes.
4. Approval of October 11, 2023 Minutes.
5. Limited Public Comment.
6. Construction Code/Planning and Zoning Report.
 - BS&A Online Permitting
 - Permitting Fees Amendment
7. Drain Commission Semi-Annual Report.
8. Greater Lansing Regional Committee Memorandum of Agreement Renewal.
9. DIA Update.
10. Parks Report.
11. Committee Appointments. CARTS appointment.
12. Landfill Semi-Annual Monitoring Report.
13. Miscellaneous.
14. Limited Public Comment.
15. Adjournment.

A quorum of the Board of Commissioners may be present at this meeting.



1045 Independence Blvd.
Charlotte, MI 48813



eatoncounty.org

PUBLIC WORKS & PLANNING COMMITTEE

**WEDNESDAY, OCTOBER 11, 2023
9:00 A.M.**

MINUTES

MEMBERS PRESENT: Commissioners Barbara Rogers, Terrance Augustine, Blake Mulder, Joe Brehler, and Brian Lautzenheiser.

MEMBERS ABSENT: Commissioner Scott Hansen and Trevor Youngquist.

ALSO PRESENT: Commissioner Jim Mott; Connie Sobie, Claudine Williams, Chris Garrison, Debbie Penfield, Travis Keeton, Logan Bailey, and Brandy Miller.

The October 11, 2023 regular meeting of the Public Works and Planning Committee was called to order at 9:00 a.m. by Chairperson Rogers.

The Pledge of Allegiance was given by all.

Commissioner Lautzenheiser moved to approve the agenda as presented. Commissioner Augustine seconded. Motion carried unanimously.

Commissioner Lautzenheiser moved to approve the September 13, 2023 meeting minutes. Commissioner Brehler seconded. Motion carried unanimously.

Limited Public Comment. None.

Construction Code, Planning and Zoning Director, Chris Garrison, presented the department's monthly report. He noted the department is looking at streamlining permitting processes and he will have more detail in the next month or two.

Commissioner Jim Mott presented a Resolution Opposing Any Legislation Preempting Local Control for Solar and Wind Developments. He stated Michigan House bills 5120, 5121, and 5123 were introduced on October 10, 2023 and would amend 2008 PA 295, entitled "Clean and renewable energy and energy waste reduction act." Commissioner Mulder moved to recommend approval of the resolution to the Board of Commissioners. Commissioner Lautzenheiser seconded. A roll call vote was taken: Mulder – yes, Augustine – yes, Brehler - no, Lautzenheiser – yes, Rogers – yes. Motion passed.

Debbie Penfield presented the department's monthly report.

A memo from the Recycling Workgroup recommending a new position, Environmental Sustainability Director, was presented and discussed. The Workgroup believes changes are necessary to meet community needs and to move Eaton County into the future in the area of

recycling and environmental sustainability. This position would work to accomplish the final steps to build and develop a program. Commissioner Lautzenheiser moved to recommend approval of the position to the Ways and Means Committee. Commissioner Augustine supported. Motion carried unanimously.

Parks Director, Travis Keeton presented the department's monthly report. He reported on the security gates at Lincoln Brick Park and gave an update storm damage clean up. There was also an update about Dyer Kiln. Discussion was held on the status of various parks projects.

Committee Appointments were discussed.

Commissioner Mulder moved to recommend the appointment of Lisa Lawitzke, Ed Kemp Jr., and Raymond Whitaker to the Planning Commission for three-year terms expiring on December 31, 2026, to the Board of Commissioners. Commissioner. Lautzenheiser supported. Motion carried unanimously.

Commissioner Mulder moved to recommend the appointment of Daren Beebe, Kyle Mack, and Chase Richardson to the Construction Code Board of Appeals for three-year terms expiring on December 31, 2026 and Dean Butler, Daniel Daly Jr. and Chad Guild to the Construction Code Board of Appeals for partial terms expiring on December 31, 2024; Ben Tirrell and James Garvey to the Purchase of Development Rights Selection Committee for two-year terms expiring on December 31, 2025; Branden Dyer and Bob Robinson to the Brownfield Redevelopment Authority Board for three-year terms expiring on December 31, 2026; and Robert Kosinski to the Eaton County Transportation Authority for a three-year term expiring on December 31, 2026. Commissioner Lautzenheiser supported. Motion carried unanimously.

Limited Public Comment. None.

Chairperson Rogers adjourned the meeting at 10:17 a.m.

The next regularly scheduled meeting of the Public Works and Planning Committee will be held at 9:00 a.m. on Wednesday, November 8, 2023 in the Board of Commissioners Room of the Courthouse located at 1045 Independence Blvd, Charlotte MI 48813.

Barbara Rogers, Chairperson



Eaton County Department of Construction Codes & Planning and Zoning

1045 Independence Boulevard, Charlotte, Michigan 48813
Telephone: (517) 543-3004 Fax: (517) 543-9924

"OUR GOAL IS TO PROVIDE A SAFER PLACE TO LIVE, WORK AND PLAY"

Department of Construction Codes & Planning and Zoning Report 11/2/2023 For Public Works & Planning Committee November 8, 2023

Department Boards:

- The **Planning Commission** will meet on November 7th to continue discussion on CU-10-23-6, Conditional Use Permit for Walton Township Hall; Walton Township has removed the request for a transfer station from their application. The Planning Commission also met on October 24th to continue discussions regarding the update of the Master Plan.
- The **Zoning Board of Appeals** did not meet in October and will not meet in November due to a lack of business.
- The **Construction Code Board of Appeals** did not meet in October due to lack of business.
- The **Zoning Ordinance Committee** met on October 17th. They discussed potential marijuana requirements, surface mines, communication towers, agricultural businesses, lot combinations and adjustment, location of trash bins and dual zoned properties. The committee chooses to not take action on the citizen request to regulate the location of personal trash bins. No decisions were made on the other items. Their next meeting is scheduled for November 21st at 4:00 p.m. The Zoning Ordinance Committee would like all townships to be invited.

Contractor Breakfast:

The contractor breakfast was well attended with approximately one-hundred thirty (130) people in attendance. Contractors were given department updates and information on the importance of plan reviews. Several questions were asked and answered; afterwards staff had additional conversations with contractors regarding codes and policies. Thanks to Hidden Creek Farm for the donation of the building, the event only cost the department \$1,474.70. The cost was for the food and drinks.

Online Permitting System (BS&A):

As indicated at the October PWP Meeting, staff has been in discussions with BS&A regarding an online permitting platform. While we are still discussing how the program will work and end resulting costs, a proposal from BS&A for the cost of the program is attached. In addition, to the online permitting, BS&A offers cloud based systems for their building, assessing and tax programs. Staff from Info. Systems, Property Descriptions and Equalization, Treasures Office and our office has been meeting with BS&A to determine if this solution is a good fit for Eaton County.

Master Plan Update:

- Staff and members of the Planning Commission were able to successfully meet with all township boards regarding the update of the Master Plan, specifically the future land use maps. Feed back from the townships regarding the meetings was positive.
- Public open houses are scheduled for review of the draft changes of the Master Plan. The dates, times and locations are as follows:
 - Tuesday, November 7th, 12:00 p.m.- 2:00 p.m., Board of Commissioners Room
 - Wednesday, November 8th, 5:30 p.m. – 7:30 p.m., Walton Township Hall,
 - Thursday, November 9th, 5:30 p.m. – 7:30 p.m., Chester Township Hall

Code Enforcement (open/active):

- Work without permits twelve (12)
- Hazardous buildings twenty (20)
- Junk forty-two (42)
- Zoning thirty (30)

No tickets were issued in the month of October.

County Wide Housing Starts		January	February	March	April	May	June	July	August	September	October	November	December	2023 Totals	2022 Totals
Delta Twp.	Site Built	1	0	0	1	1	4	0	0	2	0	0	0	9	23
	Mobile Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Totals	1	0	0	1	1	4	0	0	2	0	0	0	9	23
Eaton County	Site Built	2	4	1	4	6	3	8	10	14	11	0	0	63	78
	Mobile Homes	1	0	0	0	0	0	0	0	1	2	0	0	4	9
	Totals	3	4	1	4	6	3	8	10	15	13	0	0	67	87
Eaton Rapids	Site Built	1	0	0	0	0	0	0	1	1	0	0	0	3	0
	Mobile Homes	0	0	0	4	0	0	0	0	0	0	0	0	4	10
	Totals	1	0	0	4	0	0	0	1	1	0	0	0	7	10
Grand Ledge	Site Built	0	0	4	1	1	0	0	0	0	0	0	0	6	14
	Mobile Homes	9	0	0	0	0	0	0	0	10	0	0	0	19	5
	Totals	9	0	4	1	1	0	0	0	10	0	0	0	25	19
Oneida	Site Built	0	0	0	0	0	1	0	0	0	0	0	0	1	2
	Mobile Homes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Totals	0	0	0	0	0	1	0	0	0	0	0	0	1	2
County Wide Total		14	4	5	10	8	8	8	11	28	0	0	0	96	141

Monthly Activity Con Code	Tickets issued		Magistrate hearings		Court cases		Commercial Plan Review		Complaints regarding contractors		Public Surveys		TOTAL	
													MONTH	
MO/YR	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"
JAN				1		0		2		0		4	0	7
FEB				0		0		4		0		0	0	4
MARCH				0		0		0		0		3	0	3
APRIL				0		0		4		0		2	0	6
MAY				0		0		5		0		2	0	7
JUNE			0	0	0	0	0	5	0	1	3	8	3	14
JULY		22	0	1	0	0	4	4	0	0	4	5	8	32
AUG		6	2	0	0	1	2	3	0	0	2	4	6	14
SEPT		0	0	1	0	1	3	4	0	0	2	2	5	8
OCT		0	0	0	1	0	0	4	0	0	6	3	7	7
NOV			0		0		2		0		1		3	0
DEC			0		1		1		0		1		3	0
TOTALS	0	28	2	3	2	2	12	35	0	1	19	33	35	102

Construction Inspections	Building		Electrical		Mechanical		Plumbing		TOTAL	
									MONTH	
MO/YR	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"
JAN	231	224	108	132	101	211	65	78	505	645
FEB	164	240	108	109	77	106	35	96	384	551
MARCH	198	255	117	89	121	87	70	156	506	587
APRIL	271	237	121	98	88	89	99	182	579	606
MAY	300	326	101	104	112	86	60	177	573	693
JUNE	305	297	137	120	108	86	92	62	642	565
JULY	338	335	117	101	83	68	72	47	610	551
AUG	390	471	144	148	116	114	81	71	731	804
SEPT	345	432	111	124	100	59	79	11	635	626
OCT	359	437	130	141	116	114	56	66	661	758
NOV	336		150		89		69		644	
DEC	209		79		58		58		404	
TOTALS	3446	3254	1417	1166	1169	1020	835	946	6874	6386

Construction Permits	Building		Electrical		Mechanical		Plumbing		TOTAL	
									MONTH	
MO/YR	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"
JAN	53	50	83	69	71	85	30	44	237	248
FEB	35	64	71	46	84	63	42	259	232	432
MARCH	67	47	73	57	71	63	46	78	257	245
APRIL	92	78	80	82	67	71	59	46	298	277
MAY	74	83	95	64	86	64	53	35	308	246
JUNE	82	68	90	80	102	75	42	34	316	257
JULY	83	91	74	80	73	60	33	22	263	253
AUG	82	90	116	79	153	60	32	40	383	269
SEPT	62	143	80	116	69	74	45	31	256	364
OCT	71	65	82	103	95	107	38	35	286	310
NOV	43		63		82		28		216	
DEC	28		52		78		39		197	
TOTALS	772	773	959	776	1031	722	487	624	3249	2901

Construction Enforcements	WWOP	WWOP	WWOP	WWOP	HAZ BLDG	HAZ BLDG	HAZ BLDG	HAZ BLDG	
	(NEW)	(NEW)	(CLOSED)	(PENDING)	(NEW)	(NEW)	(CLOSED)	(PENDING)	
		2022 carryover 13				2022 carryover 9			
MO/YR	2022	2023	2023	2023(PENDING)	2022	2023	2023	2023(PENDING)	
JAN	19	22	19	16	0	7	3	13	
FEB	10	20	22	14	2	5	2	16	
MARCH	14	14	11	17	2	5	4	17	
APRIL	16	20	11	26	4	0	3	14	
MAY	14	9	14	21	2	5	3	16	
JUNE	9	12	12	21	0	2	2	16	
JULY	20	14	10	25	1	0	3	19	
AUG	17	8	17	16	2	3	4	18	
SEPT	7	5	11	10	3	1	1	18	
OCT	11	3	1	12	3	5	3	20	
NOV	9				3				
DEC	10				1				
TOTALS	156	127	128	12	23	33	28	20	
			TOTAL WORK WITHOUT PERMITS (WWP) & HAZARDOUS BUILDINGS VIOLATIONS						32

Planning & Zoning Cases	Conditional Use Permits		Board of Appeals		Administrative Variances		District Change Amendments		Site Plan Reviews		Zoning Referrals		Private Roads		Agricultural Buildings		Lot Line Adjustments		Land Divisions Reviewed		TOTAL	
																					MONTH	
MO/YR	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"	"22"	"23"
JAN	0	0	0	0	0	0	0	0	0	0	18	19	0	0	5	0	8	1	6	2	37	22
FEB	4	0	1	0	0	0	0	0	0	0	16	16	0	0	0	2	0	5	3	1	24	24
MARCH	0	0	0	0	0	0	0	0	0	0	20	19	0	0	1	2	3	1	4	3	28	25
APRIL	0	4	1	1	0	0	0	1	0	0	38	22	0	0	3	3	3	0	6	1	51	32
MAY	2	3	0	2	0	0	1	0	0	0	36	22	0	0	3	3	2	2	2	2	46	34
JUNE	1	0	0	0	0	0	0	0	0	0	38	22	0	0	0	1	4	2	4	1	47	26
JULY	2	0	1	0	0	0	1	0	0	0	31	32	0	0	2	1	2	3	4	1	43	37
AUG	1	1	0	0	0	0	0	1	0	0	37	25	0	0	3	4	2	4	2	2	45	37
SEPT	1	1	1	0	0	0	0	0	0	0	29	25	0	0	2	4	2	2	4	1	39	33
OCT	1	4	1	0	0	0	0	0	0	0	26	21	0		1	1	1	3	4	3	34	32
NOV	0	0	0	0	0		0		0		14		0		0		2		3		19	
DEC	0	2	1	1	0		0		0		12		0		5		6		0		24	3
TOTALS	12	15	6	4	0	0	2	2	0	0	315	223	1	0	25	21	35	23	42	17	437	305

Planning & Zoning Enfor.	JUNK	JUNK	JUNK	JUNK	ZONING	ZONING	ZONING	ZONING
	(NEW)	(NEW)	(CLOSED)	(PENDING)	(NEW)	(NEW)	(CLOSED)	(PENDING)
		2022 carryover: 31				2022 carryover: 26		
MO/YR	2022	2023	2023	2023(PENDING)	2022	2023	2023	2023(PENDING)
JAN	1	3	0	34	7	2	1	27
FEB	1	2	0	36	0	1	0	28
MARCH	1	7	4	39	2	3	1	30
APRIL	6	2	1	40	3	1	0	31
MAY	6	2	1	41	2	3	3	31
JUNE	0	1	0	42	1	2	2	31
JULY	1	0	0	42	10	0	1	30
AUG	1	1	3	40	5	0	4	26
SEPT	2	2	0	42	1	1	0	27
OCT	1	3	3	42	1	3	0	30
NOV	2				4			
DEC	1				0			
TOTALS	23	23	12	42	36	16	12	30
			TOTAL PENDING JUNK & ZONING VIOLATIONS					72

Proposal for BS&A Online - Community Development, Presented to...

Eaton County MI

October 9, 2023

Quoted by: Steve Rennell



Thank you for the opportunity to quote our software and services.

At BS&A, we are focused on delivering unparalleled service, solutions, support, and customer satisfaction. You'll see this in our literature, but it's not just a marketing strategy... it's a mindset deeply embedded in our DNA. Our goal is to provide such remarkable customer service that our customers feel compelled to remark about it.

*We are extremely proud of the many long-term customer relationships we have built. Our success is directly correlated with putting the customer first and consistently choosing to **listen**. Delivering unparalleled customer service is the foundation of our company.*

Cost Summary

On-Line Services for BS&A Building Department (requires the use of Building Department .NET)

Initial Fee **\$7,970**

Application Fee **\$3/application**

This fee is for permit application submission only. Fees are accumulated and billed to the municipality.

Onsite Implementation/Setup/Training on the use of BS&A Online – Community Development

3 days @ \$1,200/day **\$3,600**

Includes implementation of the items selected below.

Project Management and Implementation Planning

Services include:

- Analyzing customer processes to ensure all critical components are addressed.
- Creating and managing the project schedule in accordance with the customer's existing processes and needs.
- Planning and scheduling training around any planned process changes included in the project plan.
- Modifying the project schedule as needed to accommodate any changes to the scope and requirements of the project that are discovered.
- Providing a central contact between the customer's project leaders, developers, trainers, IT staff, conversion staff, and other resources required throughout the transition period.
- Installing the software and providing IT consultation for network, server, and workstation configuration and requirements.
- Reviewing and addressing the specifications for needed customizations to meet customer needs (when applicable).
- Includes all features below:
 - View My Activity (always enabled): Enables contractors and the general public to easily access inspections and permits they have requested.
 - Inspection Scheduling: Enables contractors and the general public to submit requests for inspections online.
 - Building Department Search: Performs a search by any record number, including addresses, permits, and certificates.
 - Rental Property Search: Enables users to search for addresses that are flagged as rental properties.
 - Permit Applications: Enables contractors and the general public to submit permit applications online (see "Application Fee," below). This feature requires the Payment of Fees feature.
 - Payment of Fees: Enables contractors and the general public to pay for permit and other fees online (see "Payment Processing Requirements," below).

\$900

Connection Requirements

BS&A Online requires a high-speed internet connection (cable modem or DSL).

Payment Processing Requirements

Acceptance of online payments requires a contract with one of BS&A's approved Online Credit Card Processing companies. Please visit <https://www.bsasoftware.com/solutions/bsaonline/public-records-search/> for information.

Cost Totals

Initial Fee	\$7,970
Onsite Implementation/Setup/Training	\$3,600
Project Management and Implementation Planning	\$900
Total Proposed	\$12,470
<i>Travel Expenses</i>	<i>\$170</i>

Payment Schedule

- 1st Payment: **\$900** to be invoiced upon execution of this agreement.
2nd Payment: **\$7,970** to be invoiced at start of training.
3rd Payment: **\$3,770** to be invoiced upon completion of training.

Annual Service Fee

Unlimited support during your first year with the program is included in your purchase price. Thereafter, Service Fees are billed annually. After two (2) years, BS&A Software reserves the right to increase the Annual Service Fee by no more than the yearly Consumers Price Index for All Urban Consumers U.S. city average (CPI-U).

\$7,970

Acceptance

Signature constitutes...

1. An order for products and services as quoted
2. Agreement with the proposed Annual Service Fee

Signature

Date

Returning Accepted Proposal to BS&A

Please return the entire proposal, with signature/date (this page) and contact information (next page) filled out, by any of these methods:

Mail: BS&A Software
14965 Abbey Lane
Bath, MI 48808

Fax: (517) 641-8960

Email: srennell@bsasoftware.com

Once your proposal is received, a BS&A representative will contact you to begin the setup process.

Contact Information

If any mailing addresses are PO Boxes, please also provide a Street Address for UPS/Overnight mail.

If additional contacts need to be submitted, please make a copy of this page.

Support Contact

Name_____ Title_____

Phone/Fax_____ Email_____

Mailing Address_____

City, State, Zip_____

IT Contact

Name_____ Title_____

Phone/Fax_____ Email_____

Mailing Address_____

City, State, Zip_____

Eaton County
Department of Construction Codes

1045 INDEPENDENCE BOULEVARD, CHARLOTTE, MICHIGAN 48813
Telephone: (517) 543-3004 Fax: (517) 543-9924

"OUR GOAL IS TO PROVIDE A SAFER PLACE TO LIVE, WORK AND PLAY"

BUILDING PERMIT AND PLAN REVIEW

FEE SCHEDULE

Effective Date: ~~August 1, 2016~~ **January 1, 2024**

PERMIT FEES:

1.	Site Evaluation Fee.....	\$ 36.00
2.	Base Fee (non-refundable).....	\$50.00 160.00
3.	Construction Code Board of Appeals (appeal).....	\$420.00 500.00
4.	Removal of a Building or Structure:	
A.	Site Built Dwelling.....	\$ 120.00
B.	Mobile home and mobile offices	\$ 60.00
C.	Garages, sheds and barns (one story) up to 576 square feet.....	\$ 60.00
D.	Accessory buildings 577 square feet to 1,140 square feet.....	\$ 60.00
E.	Accessory buildings over 1,140 square feet.....	\$ 84.00
5.	Relocation of a Building or Structure:	
A.	Temporary Mobile Office (6-months maximum - includes foundation)	\$ 90.00
B.	Site built dwelling (does not include the foundation)	\$ 180.00
C.	Garages, sheds and barns (one story) up to 576 square feet.....	\$ 36.00
D.	Accessory buildings 577 square feet to 1,140 square feet.....	\$ 60.00
E.	Accessory buildings over 1,141 square feet	\$ 84.00
6.	Demolition and Wrecking:	
A.	Residential buildings.....	\$ 120.00
B.	Garages, sheds, and barns	\$ 60.00
C.	Other buildings or structures (commercial, industrial, etc.).....	\$ 180.00
7.	Miscellaneous Permits and Inspection Fees:	
A.	Owner requested inspection and report.....	\$ 120.00
B.	Above-grade swimming pool:	
a)	Above grade swimming pool under 14 feet in any dimension.....	\$ 60.00
b)	Above grade swimming pool over 14 feet in any dimension	\$ 72.00
C.	Below grade swimming pool.....	\$ 120.00
D.	Late application fee.....	\$ 120.00
E.	Signs under 50 square feet	\$ 60.00
F.	Signs over 50 square feet and Bill Boards	\$ 120.00
G.	Masonry Chimneys (per flue).....	\$ 54.00
H.	Document Scanning (each sheet over 11 inch X 17 inch.....	\$ 3.00
	There is no scanning fee for legible plans submitted on 11 inch X 17 inch or smaller plans submitted on an acceptable electronic format.	
H.	Conversion of a pole barn to a dwelling shall be charged at a per square foot and coded equivalent to a new home for statistical purposes.....	\$ 116.00
I.	Piers for manufactured home.....	\$ 60.00
J.	Change of Use and/or Occupancy (no building or trade permits).....	\$ 120.00
K.	Special and Safety Inspections	\$ 84.00
L.	Residential Towers (Utility Electric-Wind, etc.).....	\$ 300.00
M.	Non-residential Communication Towers (Cell, Private 2-way, etc.).....	\$ 300.00
N.	Final inspection for voided/canceled permits if applied for within 60 days of the original permit cancellation by the original permit holder	\$ 60.00

- O. Additional inspections or re-inspections\$ 60.00
- P. Residential Solar Panels\$ 120.00
8. Mobile Home Installation within a licensed Mobile Home Park (does not include Electrical, Mechanical, or Plumbing Permits).
- A. Single wide\$ 180.00
- B. Double Wide.....\$ 228.00
9. ~~Investigation fee~~ **Late fee**~~\$120.00~~ **250.00**
- An ~~Investigation Fee~~ **Late Fee** shall be charged to any person who commences construction or placement of a structure requiring a construction permit prior to obtaining said permit and fails to obtain the required permits on or before the specified date for compliance contained in a formal notice of violation. Failure to pay the investigation fee on or before the specified date, will result in the county pursuing legal action.
10. Construction Permits:
- A. Residential (One and Two Family) Permit fee.....\$6.00
- The Residential permit fee is charged at a rate of \$6.00 per \$1,000.00 of estimated construction cost based upon the following schedule:
- a) All Finished Floors (new houses and additions).....\$ 97.00 per square foot
 - b) Manufactured Houses.....\$ 50.00 per square foot
 - c) Crawl Spaces\$ 10.00 per square foot
 - d) Below Grade Basements (un-finished)\$ 18.00 per square foot
 - e) Walk-out Basements (un-finished)\$ 18.00 per square foot
 - f) Decks (open).....\$ 30.00 per square foot
 - g) Decks (covered).....\$ 38.00 per square foot
 - h) Attached Garages.....\$ 42.00 per square foot
 - i) Detached Garages.....\$ 40.00 per square foot
 - j) Pole Buildings.....\$ 40.00 per square foot
 - k) Car Ports (attached and detached).....\$ 38.00 per square foot
 - l) Alterations (based on written contract cost).....\$ 8.00 per \$1,000.00 cost
- B. Non-Residential (commercial, industrial, etc.) Permit Fee\$6.00
- The non-residential permit fee is charged at a rate of \$6.00 per \$1,000.00 of estimated construction cost based on the most current published I.C.C. valuation data report in effect (published February and August of each year). Signs and Billboards will be charged based on the contract cost.
- C. Permits are required for repairs to, or the replacement of, all, or any part of a building damaged by a Fire or Natural Disaster. Permit fees will be charged at a rate of \$6.00 per \$1,000.00 based on written contract cost.
11. The following activities are not required to have construction permits:
- A. ~~Replacement of roof shingles, or re-surfacing of roof (if a change in roofing materials are made or structural repairs to the roof are made a permit would be required).~~
- B. Replacement of non-bearing siding or exterior wall covering.
- C. Replacement of doors and windows when the same size and configuration of window is used.
- D. Construction of one story, on grade, detached residential accessory buildings for storage, playhouse, or similar use, provided, the floor area does not exceed 200 square feet.
- E. Fences that are not more than 7 feet high measured from the ground immediately below, to the top most part of the fence.
- F. Retaining walls that are not more than 4 feet in height measured from the bottom of the

footing to the top of the wall unless supporting a surcharge.

- ~~G. Patios, decks, and porches on residential dwellings which do not support a roof and are not more than 30 inches above grade.~~
- H. Window awnings when supported by an exterior wall.
- I. Painting, papering, tiling, carpeting, cabinets, counter tops and the installation of non-load bearing partitions (except when creating an enclosed room).
- J. Oil derricks, gas wells, public communication towers (police/fire/public works), works of heavy civil construction such as roads, drains, bridges, and dams.
- K. Public utility plants and accessory structures such as substations, electric transmission lines, or structures.
- L. Buildings or structures used for "Agricultural Purposes" as defined in Public Act 245 of 1999. The building must be located on the land used for the agricultural purposes and may not be used in the business of retail trade.
- M. Installation of septic tanks, drain field, beds, and well drilling.
- N. Water tanks supported directly upon grade if the capacity is not more than 5,000 gallons (18,927 L) and the ratio of height to diameter or width is not greater than 2 to 1.
- O. Sidewalks and/or driveways that are not more than 30 inches (762 mm) above adjacent grade and is not over any basement or story below.
- P. Prefabricated swimming pool that are not capable of holding water 24 inches (610 mm) deep.
- Q. Swings and other playground equipment accessory to a single family dwelling.

COMMERCIAL PLAN REVIEW FEES

Plan reviews will be charged as follows:

- A. Plan review fees must be paid when making application for the plan review.
- B. Plan review fees are not refundable.
- C. Plan review approvals are good for 90 days from the date of the plan review approval letter.
- D. A minimum plan review fee of ~~\$60.00~~ 200.00 will be charged for each required trade.
 - a) The base fee of ~~\$60.00~~ 200.00 includes the first 1,000 square feet.
 - b) All square footage over 1,000 will be charged @ \$00.02 per square foot.
- E. The above fees do not include any archive fees.
- F. A plan review is required for a change in use or occupancy of an existing building or structure.

TRADE PERMIT FEES

Trade permit fees (Electrical, Mechanical and Plumbing) are not included in this document; trade permit fees are shown on each application. We are proposing to increase the base fee (\$50.00) and inspection fee (\$48.00) to \$60.00 to make all inspection fees consistent. In addition, we propose to delete the archive fee which is \$3.00 a page.

2023 Semi-Annual Report

Office of the Eaton County Drain Commissioner

Richard Wagner

PETITION AND CONSTRUCTION ACTIVITY

The **Hobart Drain** was petitioned by landowners in the district. That petition was received in July, 2015. A legal opinion was written by legal counsel. Engineers were being consulted to determine if work on this drain would be beneficial to the landowners or whether another drain in the area could be more beneficial. In the meantime, a second petition was received from Hamlin Township dated July 12, 2017. The Board of Determination Hearing was held on September 21, 2017, and it was found necessary. Spicer Group is the engineering firm assigned the project. The scope of the project has been confirmed and the preliminary design is being worked on. A meeting with the township supervisor was held and he originally asked us to hold off on this project until 2021. He has continued to ask us to hold off.

The **Brown Drain** had a petition submitted on December 19, 2016. This project will include collaboration with the Eaton County Road Commission. There were meetings scheduled with the Drain Office, the Road Commission, and engineers from Spicer Group and GEI in order to determine what the problems are and what the possible solutions may be to determine a preliminary plan to present at the Board of Determination Hearing. Those plans were developed and the Board of Determination Hearing was held on January 31, 2018 at which time the Board found the project to be necessary. There were meetings with the Eaton County Road Commission regarding the project and then a Public Information Meeting was held on June 27, 2018. It was determined at that meeting after hearing from the landowners in the area that a project would only go forward if the Eaton County Road Commission were involved with the project. After waiting three years for the road commission to agree to be involved, the drain office was notified by the Eaton County Road Commission that they will be receiving monies for a project at or near this location in the form of a grant. We are now waiting to see what the road commission has planned for this area and hope to be involved with that project as well from a drainage standpoint.

The **Dillon Drain** had a petition filed on February 7, 2017. The Board of Determination Hearing was on June 27, 2017 and was found necessary. Civil Engineers Inc. was the assigned engineering firm. Final design and easement acquisition was finalized this year and the project has been bid. Spicer Group is now overseeing the project and construction began in fall 2023 and should be completed in the summer of 2024.

The **McGilvra Drain** had a petition filed by Hamlin Township on July 12, 2017. The Board of Determination Hearing was on September 21, 2017, and was found necessary. Spicer Group is the assigned engineering firm. Plans were finalized, bids were received and financing was arranged. Construction began in 2021 and is mostly complete. There is still an MDOT crossing that needs to be completed but we are waiting on MDOT for their final requirements and approval for the crossing before we can move forward with that portion of the project.

The **Trumbull Drain** had a petition filed by Carmel Township on December 21, 2017. The Board of Determination Hearing was on February 6, 2018 and was found necessary. The project was assigned to

Civil Engineers Inc. for engineering. During the early review of the drain, it was determined that consolidating the Wonser Drain into the Trumbull Drain would be a logical step to take. Carmel Township was contacted regarding this matter and the Board submitted a township resolution and petition to start this process. A Board of Determination Hearing on that matter was held on October 30, 2018, and found necessary. Final design development and easement acquisition has been completed. The project has been bid with construction beginning in the fall of 2023 and completed in the summer of 2024.

The **Cooper Frost & Reynolds Consolidated** had a consolidation petition which included the Ray, Stemphler, and Ransom Drain submitted by Carmel Township. The Ray Drain had a previous petition filed with a Board of Determination being held and being found necessary. The process of moving forward with that project resulted in the filing of the Cooper Frost & Reynolds consolidation petition. They filed that consolidation petition on October 18, 2018. The Board of Determination for the consolidation and necessity was held on December 19, 2018 and passed. As Land and Resource Engineering was the designated engineering firm for the Ray Drain, they continued with the consolidation project. Design was completed, bids were received and construction is ongoing. We anticipate completion in the spring of 2024

The **Lee Drain** had a landowner petition filed on March 19, 2019. The engineering group assigned the project is Spicer Group. The Board of Determination Hearing was held on February 27, 2020 and found necessary. The petitioners are requesting a branch to alleviate some back-yard flooding. The first step in this process is to determine if easements can be acquired for the branch as it will need to cross lands not owned by the petitioners. If easements cannot be acquired, a branch will not be able to be constructed.

The **Bellaire Hills Drainage District** had an Application for Laying out and Designating a Drainage District was received from landowners in the Bellaire Hills Subdivision because they are having flooding issues and the system within this subdivision is not currently under anyone's jurisdiction. This application was received on May 10, 2019. This is the first application of this nature this administration has received. We are working with Clark Hill, P.L.C. for the legal aspects of how to handle this process and Hubbell Roth and Clark for the engineering aspect. All necessary steps were taken and hearings held to designate the drainage district and to then a Chapter 4 Petition was required. We did receive that petition, held the Board of Determination Hearing with an outcome of a need for necessity. The entire system was reviewed and a scope for a project to clean up the system that is in place as well as possibly add some branches was developed. Notice of Letting was held and bids solicited. None were received. We are currently reviewing scope and the bid documents to determine if there is a way to make this project more appealing to bidders. It is basically a "rehab in place" project so we are hopeful that is we extend the timeline to complete the work and bid it in a way that contractors could use the project as filler work between other projects, it may seem more appealing and we'll get bids. We do hope to rebid it by the end of the year.

The **Cummings Drain** had a landowner petition filed on August 27, 2019. The Board of Determination Hearing for this drain was held on February 26, 2020 and was found necessary. The project was assigned to Land and Resource Engineering for engineering. The scope of the project has been determined and we have worked through some relocation issues with Consumers Energy and some of the MDOT requirements. The project has been bid and construction began in the late summer early fall of 2023. We anticipate final completion in the summer of 2024.

The **Watson and Watson: Chris J. Drive Branch** had a landowner petition filed on September 27, 2019. The engineering firm assigned to the petition is Hubbell Roth and Clark. The Chris J. Drive Branch is a sub-district within the Watson and Watson. The petitioners are requesting a branch for some minor flooding that occurs near the roadway. The entire benefit for a branch at this location would be for three landowners. A meeting was scheduled on-site with these landowners to discuss whether this is something

they can undertake themselves as property owners as it will be much more cost effective if they do so. The drain office has already contacted the Eaton County Road Commission to ascertain their willingness to allow the landowners to put some tile in the road right-of-way to alleviate this flooding and it was indicated that they would be amenable to this. It was the drain office's belief that the landowners had undertaken a project on their own as they have not contacted the drain office since that meeting. However, we then received an additional complaint of some significant flooding within the district which was investigated. Based on this new information with additional concerns, a Board of Determination Hearing was scheduled and held on March 9, 2022 and found necessary. Hubbell Roth and Clark has done an entire evaluation of the system, located a couple areas of minor flooding that can be addressed as part of the project, and found some delta water and sanitary lines that are impeding the drain system. Project scope was finalized, agreements with Delta to help fund the water and sanitary obstruction corrections were entered into and the project was then bid and the Day of Review was held. Construction took place during 2023 and we will need to complete some lawn restoration projects in spring of 2024 and then this project can be closed out.

The **Bentley and DePue Drain** had a landowner petition filed on March 20, 2020. The engineering firm assigned the project is Spicer Group. The Board of Determination Hearing was held on June 30, 2020 and was found necessary. Initial work included the coordination of cleanup efforts in the area that was disturbed during the removal of water from the road in the winter of 2019/2020 near Columbia and Canal. The cleanup work was performed to coincide with the preliminary design of the drain near that intersection. That cleanup work was completed prior to October 1, 2020. Concurrently with that restoration work, collection of survey data was completed. This data was collection on the storm sewer, the open channels, and the private and road crossings. Project design was completed, Notice of Letting held, bids opened, Day of Review held, financing arranged and the project is currently under construction and should be finalized in the fall of 2023 with some restoration work in spring of 2024 and then this project can be closed out.

The **Higby Drain** had a petition submitted by the City of Charlotte on March 1, 2021. This project has been assigned to Land and Resources Engineering for engineering. The Board of Determination Hearing was held on October 28, 2021 and was found necessary. We are currently working on project scope and design. There are quite a few buildings on top of or within our current easement of this drain. We will be contacting landowners within the district next to determine where we may be able to move this system in order to get it out from under buildings. There is also a section on the City of Charlotte airport property where there are city utilities that interfere with our system. And the city may be interested in moving the alignment of the drain on their property at this time in order to better serve the future functions of the airport. There are still quite a few details to work out on this project that we hope to move through in a timely manner.

The **Lemon Drain** had a landowner petition submitted on July 9, 2021. This project was assigned to Hubbell Roth and Clark for engineering. Upon initial review of the area, it was suggested that consolidating the Martin Drain into the Lemon Drain may be beneficial as they appear to work as one unit. Windsor Township Supervisor was contacted regarding the possibility of a consolidation petition. After a presentation to their Board, they executed the consolidation petition on September 14, 2021. The Board of Determination Hearing was held on January 26, 2022 and found necessary. Project scope and easements have been finalized and bids were received. The cost to proceed with this project is more extensive than anticipated. We have looked at ways to cut back on the scope while still alleviating the flooding complaints in the area and had meetings with the higher stakeholders in the district. A final determination regarding this project has not yet been made.

The **Watson No. 2 Drain** had a landowner petition submitted on July 27, 2021. The project has been assigned to Land and Resources for engineering as they were involved with a previous petition that was received but found not necessary. The Board of Determination Hearing was held on January 27, 2022, and was found necessary. Project scope has been determined, easements obtained, bids received and construction of the project should begin in late fall or early winter of 2023/2024. Final completion should occur by summer of 2024.

The **Allison Heights Drain** had a landowner petition submitted on May 17, 2022. The project was assigned to Spicer Group for engineering. Once they have completed a preliminary inspection of the system and are ready for a presentation to a board, the Board of Determination Hearing will be held.

The **Potter Drain** had a landowner petition submitted on June 30, 2022. The project was assigned to Land and Resource Engineering for engineering. The Board of Determination Hearing has taken place with an Order of Necessity made. We have been informed that Pottersville Schools and MDOT are in the preliminary stages of a project that will occur within the drain right of way so we are hoping that we can coordinate our project with that project.

The **Harriett Avenue Drain** had a landowner petition submitted on August 15, 2023. The project was assigned to Spicer Group for engineering. Once they have completed a preliminary assessment of the system, a Board of Determination Hearing will be scheduled.

There are several additional petitions that have been provided to landowners who requested them that have not been submitted to our office.

A spreadsheet of all returned petitions and their status is attached.

The **Bank Intercounty Drain** had a landowner petition filed with the Intercounty Board for improvement and consolidation with a portion of the Briggs Intercounty Drain on November 19, 2021. The Intercounty Board held the Hearing of Practicability for this drain on April 25, 2022 and determined that it was practicable to move forward towards the next step which is a Hearing of Necessity. The Board authorized Spicer Group to obtain preliminary information and determine some options along with the approximate costs for those options to be presented at the Hearing of Necessity. Spicer Group has presented that information at the Hearing of Necessity and the Board determined that there was a need for Necessity. Spicer Group has been working on the plans for scope and there have been a few meetings with Delta Township as they have many utilities within this area that will be impacted. While we typically do not include intercounty petitions in this report as all decisions are made by a Board, given that this has the potential to be a very large-scaled project, we will include it within this report until its completion. The hope is to have everything designed and all easements in place so that bids can be obtained and contracts signed prior to the end of 2024.

MAINTENANCE & REPAIR ACTIVITY

Open Channel Work

The **Big Thornapple Drain** is undergoing a major clean-out project that consists of approximately 36,447 feet (7 miles) of tree removal, removal of excess sediment, beaver dam removal, correction of any erosion issues along the way, and a 10-foot wide lane clearing along one side for the spray program vehicle. This job was bid out via sealed bids on December 18, 2019 and awarded to Burkett. During 2023 there was over 6000' of open ditch cleared from just west of Cochran Road to almost the confluence of the Little

Thornapple as part of our continued effort to remove all the deadfall and sand bars from the drain to restore proper flow and relieve some of the backups within the drainage districts.

The **Little Thornapple Drain** had an open channel clean-out project completed in 2023. Approximately 5000' of drain was cleared of deadfall and obstructions causing erosion and minor dipping in areas of sand bars from the confluence of the Baker drain to Kinsel Highway. This stretch was a multiyear project for 2022 and 2023. There were 8 culverts installed along the drain to allow access for the spray program truck to facility the ongoing maintenance of the drain. We started work on the Little Thornapple in 2021 and will take years to complete the entire drain.

The **McMullen and Branches Drain** had 2500' of open ditch cleared of dead fall and overgrowth removed from drain to restore flow from East Mt. Hope Highway to the north. This was a continuation of a project started in 2020

The **Shanty Brook Drain** is a project started this year that will take several years to complete under drain maintenance dollars. We cleared 2200' of dead fall and dipped as needed to restore flow starting at the north of Nashville Hwy at the Big Thornapple Drain.

The **Huber Drain, Huber Extension Drain, Sidwell & Relaid Mills Drain** and **Childs Drain** received multiple complaints. Sediment build up in the Huber made it so we needed to start there to restore flow in the others. These drains will take several years to complete work. Huber Drain had 754' of clearing, Huber Extension Drain had 900' of clearing, the Sidwell & Relaid Mills Drain had 2000' of clearing, and the Childs Drain had 1250' of clearing. Clearing consisted of log jams, dead falls and beaver dams removed with dipping to help restore flow to the system. This project started 500' upstream of Narrow Lake Road.

Enclosed Tile Work

The **Cox Drain** is a continuation of project that began in 2022. We replaced 800' of 10" clay tile and plastic repairs with 10" dual wall HDPE (high density polyethylene) across a farm field.

The **Crandall Drain** is a continuation of a project that began in 2022. We replaced 700' of 10" clay tile with 10" dual wall HDPE through a flooded area. The drain right-of-way also needed cleared of trees and brush. This drain will take several years of continuous work to restore flow.

The **Dooling Drain** is a continuation of project that began in 2022. We replaced 560' of 15" clay and plastic repairs with 15" dual wall HDPE across farm fields to resolve blow holes in the field. More work is needed to repair issues upstream.

The **Churchill Drain** is a continuation of projects since 2019. In 2023 we replaced 500' of 15" clay tile with 15" dual wall HDPE across a farm field.

The **Doxie Drain** is a continuation of projects since 2020 that required a resolution to exceed with Sunfield Township to complete. Starting at the Sebewa Intercounty drain and working upstream, there was 700' of open ditch work that needed dipped to restore proper flow and then 1070' of 24" clay needed replaced with 24" dual wall HDPE to stop all the blow holes from forming and replacement of the road crossing of Dow Rd to complete this project.

Additional Work

The storm of August 24th added an additional 100 drain complaints for complete drain blockages of tree root masses being flipped into the drains.

We are at 22 beaver removed at this point in the year and counting.

This is just some of the more extensive maintenance and repair situations that we have handled this year.

It should be noted that all of our maintenance and petition projects are complaint-based. The drain office does not go out looking for petitions or large maintenance projects to complete. We are 100% complaint-based when it comes to maintenance work. If the necessary maintenance cannot be done under current drain code rules or the complainant is asking for work to be completed that is outside of what drain code allows, such as adding a branch or enlarging a pipe size, they are informed that the only way those options can occur is if the landowner does it themselves and pays for it in full, or they have the option to file a petition.

COMPLAINTS & INQUIRIES

Complaints and inquiries continue to come in on a regular basis. Landowner complaints continue to be related to sink holes in fields that farmers need repaired prior to planting or after the crops come off the field or standing water that can't get to its designated outlet. We also get quite a few calls about flooded roadways. Drain inspections and evaluations continue to lead to an increase in the amount of tile that is completely failing, and we continue to put more pipe in the ground than just a typical sinkhole repair. We have been doing more open channel work as well. There are quite a few roads that need some significant structure repairs. This is also an issue where collaborative work with the road commission could rectify problems more efficiently. We strive to achieve a more harmonious relationship with the Eaton County Road Commission.

We continue to have several areas where we receive complaints that the work required exceeds the financial limits that the current drain code allows us to do under normal maintenance. We are still getting requests for petitions from landowners. We have also requested from townships some resolutions to exceed normal maintenance repair. We have one emergency declaration repair this year that has not yet been completed. Our only other course of action is to set up yearly maintenance programs for these drains where we do one section at time within what the drain code allows each year until the entire problem is repaired. We have several drains that are already working on this type of a program. There have been bills introduced in legislation that would raise the amount we can spend per mile per year from \$5,000 to \$7,500 which also has an inflation component to it. They seem to have gotten pushed off for the last couple of years but the Michigan Association of Drain Commissioners continues to work towards getting this implemented.

SPRAY PROGRAM

We continued with the spray program that was implemented in 2020. Right-of-Way Management came in and sprayed a total of 35 drains this year for a total of 251,934 feet of drains sprayed in 2022. As part of the program, inspection reports are provided back to the drain office that include issues with the drain itself such as washouts and blockages but also invasive species developments and other maintenance issues that need to be addressed. This is a cost-saving project for the drainage districts overall.

MS4 PROGRAM

The Drain Office is in charge of the county's MS4 program which is in place to protect the waters of the state. The body of water that we are protecting is the Grand River. We have submitted the necessary documents to EGLE and are on track to keep this permit in compliance. As it is the county's permit, there are tasks that are required to be completed by not only the Drain Office but the Parks Department and the Eaton County Road Commission as well. We are up for renewal of this permit during 2024 and the

permit cycle is four years. We will need some resolutions passed by the Board of Commissioners in preparation for the submission of our permit extension in April, 2024. We have been working with Spicer Group to ascertain all of the points that we are required to check are being met.

ELECTRONICS

We are continuing to work with the TS Department to take advantage of technologies that are available. We have been working closely with Jonathon Merrick and Elizabeth Goble in the TS department to utilize completely the programs they have created for us in the most efficient manner. This will remain ongoing as the two offices work well together for the better of the county.

We have implemented steps to provide all of the drainage district boundary changes that have occurred to the TS Department in order to get that information incorporated with the current GIS information. We are also working with TS to get changes made to the route and course of drains updated to that GIS system. It will be some time before all of the past projects are reviewed, requested, and updated but our hope is that as all new projects are completed, that information is given to TS as part of the file completion procedures and updated at that time. This will be an ongoing project and we are thankful for the GIS department.

We finally moved our drain ledger system out of BS&A and into Solid Circle. This change was just implemented in August of 2023 so it is still a very new program for us but it seems to be going well and it is definitely a bonus to have a software component that has a support system.

Year Rec'd	Drain Name	Engineer	Legal	Status	Municipality	Municipality	Municipality	Municipality	BOD outcome	Petition Type	Cost
2013	Figg	Spicer	FSBR	Completed in 2018	Windsor				necessary	Both	\$140,000.00
2013	McCabe	Spicer	FSBR	Completed in 2018 w/Figg	Windsor				necessary	Both	
2014	Burns	Spicer	FSBR	Just needs closing documents	Sunfield	Village of Sunfield			necessary	Landowner	\$2,292,317.00
2014	Kinnie Brook	LSG	FSBR	Completed	Sunfield				necessary	Landowner	\$750,000.00
2014	Old Maid Relaid, Harris, Whaley	Spicer	FSBR	Completed in 2019	Windsor				necessary	Landowner	\$2,209,498.00
2015	Guinan	Spicer	FSBR	Completed	Oneida	Roxand			necessary	Landowner	\$475,000.00
2016	Fulton	Spicer	FSBR	Completed	Windsor				necessary	Landowner	\$1,270,000.00
2016	Brown	Spicer	FSBR	Project design phase	Carmel	Eaton			necessary	Landowner	
2016	Burns Village Extension	Spicer	FSBR	Div I complete - Div II needs fianlizing	Sunfield	Village of Sunfield			necessary	Municipality	\$529,886.32
2016	John Earl	Spicer	FSBR	Completed	Oneida	Benton	City of Grand Ledge		necessary	Landowner	\$2,901,000.00
2016	Loveless	Spicer	FSBR	Completed	Brookfield	Walton			necessary	Landowner	\$269,000.00
2016	Lumbart	Spicer	FSBR	Completed	Oneida	City of Grand Ledge			necessary	Landowner	\$360,007.07
2016	Blair Acres	LSG	FSBR	Landowners resolved	Eaton	City of Charlotte			necessary	Landowner	
2016	Watson No 2	LRE	FSBR		Oneida				not necessary	Landowner	
2017	Dillon	CEI	FSBR	Under construction	Carmel	Walton			necessary	Landowner	\$2,930,000.00
2017	Trumbull	CEI	FSBR	Under construction	Carmel				necessary	Municipality	\$1,500,000.00
2017	Hobart	Spicer	FSBR	Hamlin Township asked to hold	Hamlin	City of Eaton Rapids			necessary	Municipality	
2017	McGilyra	Spicer	FSBR	MDOT reevaluating their crossing	Hamlin				necessary	Municipality	\$723,083.22
2017	Mills & Post	Spicer	FSBR		Brookfield	Eaton	Eaton Rapids	Hamlin	not necessary	Municipality	
2018	Glen No. 2	CEI	FSBR	Awaiting final stabilization	Oneida				necessary	Municipality	\$1,282,821.85
2018	Ray	LRE	Clark	Consolidated in Cooper Frost Reynolds	Carmel				necessary	Municipality	
2018	Windsor	HRC	FSBR	Completed	Windsor				necessary	Landowner	\$998,000.00
2018	Garvey and Branch	LRE	FSBR	Completed	Eaton				necessary	Landowner	\$770,000.00
2018	Patterson and Dubois	HRC	FSBR	Completed	Oneida				necessary	Municipality	\$1,380,000.00
2018	Munson	LRE	Clark	Completed	Benton	Carmel	Chester	Eaton	necessary	Landowner	\$995,000.00
2018	Cooper Frost and Reynolds	LRE	Clark	Under construction	Carmel	Charlotte			necessary	Municipality	\$4,190,000.00
2018	McCreery	Spicer	FSBR	Awaiting final stabilization	Walton				necessary	Municipality	\$935,000.00
2019	Church and McClintic	LRE	Clark	Awaiting final stabilization	Benton	Eaton			necessary	Landowner	\$1,150,000.00
2019	Woodview Estates	LRE	FSBR	Under construction	Oneida	City of Grand Ledge			necessary	Landowner	\$912,588.71
2019	Lee	Spicer	FSBR	Working on Project Scope	Delta				necessary	Landowner	
2019	Bellaire Hills - app for district	HRC	Clark	Order Designating District Filed-	Delta					Landowner	
2019	Cummings	LRE	FSBR	Under construction	Eaton	City of Charlotte			necessary	Landowner	\$4,354,599.39
2019	Watson & Watson: Chris J Drive	HRC	Clark	Final Clean-up in 2024	Delta					Landowner	\$907,580.02
2020	Bentley and DePue	Spicer	FSBR	Final Clean-up in 2024	Eaton Rapids				necessary	Landowner	\$3,760,000.00
2021	Higby	LRE	FSBR	Working on Project Scope	City of Charlott	Eaton				Municipality	
2021	Lemon	HRC	FSBR	Project expense being reviewed	Windsor					Landowner	
2021	Watson No 2	LRE	FSBR	Construction to begin winter 2023	Oneida					Landowner	\$867,000.00
2022	Bellaire Hills - establish drain	HRC	Clark	working on rebidding	Delta					Landowner	
2022	Allison Heights	Spicer	FSBR	Engineering Study	Delta					Landowner	
2022	Potter (Benton Township)	LRE	FSBR	Working on Project Scope	Benton	City of Potterville				Landowner	
2022	Harvest Park - petition for district	Spicer	FSBR	landowners executed 433 agreement	Windsor					Landowner	
	Harriet Avenue	Spicer	FSBR	Engineering Study	Delta					Landowner	

not necessary

completed

needs BOD

EATON COUNTY BOARD OF COMMISSIONERS

NOVEMBER 15, 2023

**RESOLUTION TO APPROVE GREATER LANSING REGIONAL COMMITTEE
STORMWATER PROGRAM
MEMORANDUM OF AGREEMENT RENEWAL**

Introduced by the Public Works & Planning Committee

WHEREAS, the United States Environmental Protection Agency (USEPA) and the Michigan Department of Environment, Great Lakes, and Energy (EGLE) have required communities in the Greater Lansing tri-county region to apply for and maintain compliance with a National Pollutant Discharge Elimination System Phase II (NPDES II) permit; and

WHEREAS, the communities prepared, reviewed, and proposed a Memorandum of Agreement for adoption by all the communities and agencies to formalize and establish the Greater Lansing Regional Committee for Stormwater Management (GLRC); and

WHEREAS, participation in the GLRC advances local efforts for responsible stewardship of our natural resources, allows for the cooperative management of the watersheds in our community and this region, and assists the participating municipalities and their departments in complying with the regulatory requirements promulgated by the EGLE and the USEPA Municipal Separate Storm Sewer System(MS4) stormwater discharge permits; and

WHEREAS, the Memorandum of Agreement, which was adopted by these municipalities and agencies originally in 2008, was revised and updated and re-adopted in 2012 and 2017, and 2021 and has now been prepared reflecting changes in the participating communities and activities to meet permit requirements and extending the period of the agreement to April 4, 2028.

NOW, THEREFORE BE IT RESOLVED, that the County of Eaton approves the Greater Lansing Regional Committee for Stormwater Management Memorandum of Agreement revised by the GLRC on September 11, 2023 and authorizes payment of the appropriate annual assessment for support of the Greater Lansing Regional Committee, and

BE IT FURTHER RESOLVED, that the community's representative to the Greater Lansing Regional Committee is the Eaton County Drain Commissioner or the Eaton County Drain Commissioner's designated alternate.

**GREATER LANSING REGIONAL COMMITTEE
for Stormwater Management**

MEMORANDUM OF AGREEMENT – DECEMBER 2, 2021

**Original Agreement – MAY 21, 2004
Revised and Adopted – DECEMBER 2, 2021
Revised and Adopted – September 11, 2023**

I. PURPOSE

It is the purpose of this Memorandum of Agreement (hereinafter the Agreement) to set forth the composition, duties, and responsibilities of the Greater Lansing Regional Committee for Stormwater Management (hereinafter the “GLRC”) to be formed as more particularly described below. Local public agencies, institutions, and communities believe there are substantial benefits that can be derived under this Agreement through cooperative management of the Grand River, Red Cedar River and Looking Glass River watersheds to protect the Waters of the State; to meet local initiatives for protecting the environment; and in providing mutual assistance in meeting the requirements under the Michigan Department of Environment, Great Lakes, and Energy (EGLE) National Pollutant Discharge Elimination System (NPDES) Permit for Municipal Separate Storm Sewer Systems, (hereinafter the “MS4 Permit”) or similar stormwater discharge permits issued to public entities within the Grand River, Red Cedar River, and Looking Glass River watersheds.

The Agreement will also provide a framework for consideration of new, permanent watershed organizations with potentially broader responsibilities that could provide a more cost-effective and efficient means to meet state and federal requirements, and public expectations for restoration and maintenance of the beneficial uses of the watersheds.

II. HISTORY OF GLRC

On November 15, 1999, Delta Township and the City of Lansing hosted a meeting for several local communities. The meeting notice stated that this was to be “an informal meeting to discuss the Stormwater Phase II program (now referred to as the MS4 program) and how, or if, there may be a way to pool resources on a regional basis”.

Representatives from various communities, counties, and EGLE discussed the federal regulations for Stormwater Phase II and the EGLE’s program allowing a “Voluntary Permit Program.” Originally nine communities and three counties were listed as designated communities by EGLE.

Subsequent meetings were held to continue exploring the feasibility and cost of a cooperative effort. On June 8, 2000, a draft resolution was prepared for the establishment of the “Greater Lansing Area Regional NPDES Phase II Stormwater Regulations Committee” and for each community to name a representative to serve on the Committee.

Throughout the remainder of 2000, the Committee obtained resolutions from each community; elected officers; received proposals and interviewed four consulting firms. Tetra Tech MPS was selected to assist the Committee in determining how to best comply with the Phase II Stormwater Rules. Tri-County Regional Planning Commission (TCRPC) also assisted the Committee in providing contractual, fiduciary, and administrative support.

In May 2001, Tetra Tech MPS completed the “Step 1 – Permit Strategy Development” study which incorporated the Committee’s decision (April 20, 2001) to proceed as a group using the State’s Voluntary General Permit approach. The Committee then agreed to retain Tetra Tech MPS to prepare the Voluntary General Permit Application for each of the nine communities. The cost for each community was based on a formula that included weighted factors for population and land area. Eight of the nine communities then passed a second resolution agreeing to continue as a group with voluntary general permits using the distribution of costs as presented. Williamstown Township elected to proceed with a jurisdictionally based permit.

The eight communities proceeding under the voluntary general permit, also formally agreed to have the watershed management plans developed under the individual drain commissioners.

On January 25, 2002, the Committee agreed to retain Tetra Tech MPS to prepare a watershed management plan for the Grand River, Looking Glass River, and the Red Cedar River. Again, the allocation of cost agreed to by everyone was based on weighted factors involving the percentage of population and land in each watershed. Each community adopted a third resolution committing their appropriate funds for the watershed management plans.

A Public Education Advisory Committee was organized to assist in the educational portion of Voluntary General Permit Applications.

Throughout 2002 and 2003 fourteen additional communities within the three watersheds were invited to join the Committee. Ten communities were required to meet the MS4 Permit requirements based on the 2000 census.

Eight communities ultimately joined and participated in the regional approach and completed the Voluntary General Permit Application utilizing Tetra Tech MPS.

In March 2003, all sixteen communities and the three counties submitted their Voluntary General Permit Applications to EGLE. In November 2003, certificates of coverage were issued to each of the sixteen communities and to each of the three counties.

In 2006 Lansing Public Schools and DeWitt Public Schools joined the GLRC.

In 2007, a lawsuit filed by a Township in Kalamazoo County established that some townships no longer required an MS4 Permit from EGLE. As this case relates to the GLRC, EGLE determined that Alaiadon, Bath, Oneida, Watertown, and Windsor Townships would no longer need an MS4 Permit.

At the December 14, 2007, GLRC meeting, the GLRC membership took formal action to establish an Associate Membership category to encourage any public agency, institution, or community who did not have an MS4 Permit to join the GLRC.

In 2012, the City of DeWitt entered into an agreement nesting DeWitt Public Schools.

In 2012, EGLE changed the process for permit renewal, instead of issuing a general watershed-based permit; individual MS4 permits will be issued. The application process will detail all activities of the GLRC and members through two separate applications. Then, EGLE will review and negotiate, with the end result being EGLE issuing a permit specific for each member.

In 2016, Waverly Community Schools joined the GLRC.

In 2017, members reapplied for permit coverage.

In 2019/2020, members were issued MS4 permits expiring in October 2024.

In 2021, members submitted MS4 Progress Reports to EGLE.

In 2023, members submitted MS4 Progress Reports to EGLE.

III. GREATER LANSING REGIONAL COMMITTEE (GLRC)

A. Term

While the ultimate organization of the GLRC and its responsibilities has evolved over time and after thoughtful review of alternatives, the signatories to this Agreement want to continue to work together under the following terms to assure the continuation of responsibility for essential services. These stormwater management services provide for the legal and financial responsibility to meet state and federal stormwater discharge permit requirements as well as local initiatives to protect the Waters of the State.

This Agreement replaces the current GLRC agreement in its entirety for the period expiring April 4, 2028. As confirmed by EGLE, expiration of the current permit is October 1, 2024; an application will be due to EGLE by **April 4, 2024**. The members may mutually agree to renew and/or extend the term of the GLRC under the provisions contained in this Agreement.

Any member community may withdraw from this Agreement and the GLRC by delivering to the Executive Committee a resolution of withdrawal adopted by its governing body. Any such withdrawal adopted shall be effective 30 days following delivery of withdrawal, provided however, that any withdrawing community shall remain liable for payment of its annual assessment through the end of the current fiscal year.

B. Composition

Membership in the GLRC shall consist of “full members”, “associate members”, and “ex-officio members”.

The full members of the GLRC shall consist of a representative, or designated alternate(s), appointed by the appropriate governing body in each township, city, village, school district, institution, and county that has an EGLE NPDES MS4 Permit and that are signatory to this

Agreement. Each full member is allowed to designate up to two alternates. Alternates may vote in place of the absent representative at any Full or Executive Committee meetings.

The associate members of the GLRC shall consist of a representative, or designated alternate(s), appointed by the governing body in each township, city, village, school district, institution, and county that does not have an EGLE NPDES MS4 permit and that are signatory to this Agreement. However, once an associate member obtains an EGLE NPDES MS4 Permit, they must become a full member of the GLRC. Each associate member is allowed to designate up to two alternates. Alternates may vote in place of the absent representative at any Full or Executive Committee meetings.

Members, and designated alternates, shall serve until replaced in writing by the appointing authority.

The GLRC may also include ex-officio representatives from such agencies as Tri-County Regional Planning Commission (TCRPC), EGLE and others as determined by the GLRC.

C. Public Participation

All meetings of the Full and Executive Committees of the GLRC shall be noticed and conducted in accordance with the Michigan Open Meetings Act, MCL 15.261, et seq. The GLRC Full and Executive Committees:

- Determine the rules for public participation
- Schedule meetings at facilities that are fully accessible to the interested public, and
- Routinely provide notice of meeting times and places at publicly accessible locations

D. Voting

The GLRC shall take all formal actions by a simple majority vote of a quorum. A quorum shall consist of one more than fifty (50%) of the GLRC members, or their designated alternates, eligible to vote. Members eligible to vote are those full members and associate members authorized in writing by an appropriate governing authority that has adopted this Agreement and that has paid its assessment. Ex-officio members shall be non-voting members of the GLRC except when elected to an officer position on the Executive Committee.

E. Election of Officers and Appointment of Executive Committee

The GLRC shall annually elect, from among its members, a Chair, a Vice-Chair, a Secretary, and a Treasurer. The Chair and the Vice-Chair shall be elected or appointed officials, or employees of a voting full member of the GLRC. The Secretary and Treasurer may be representatives of any full, associate, or ex-officio member of the GLRC. There are no limits on the consecutive terms elected officers may serve. The Vice Chair, or the Treasurer in the event the Vice Chair is unavailable, may assume the duties of the Chair if the Chair is unavailable.

The Executive Committee shall have a maximum of ten voting members consisting of:

- (2) the Chair and Vice Chair of the GLRC
- (2) the Treasurer and Secretary of the GLRC

- (3) one representative or alternate from each member county
- (3) the Chairs of the Illicit Discharge Elimination Plan (IDEP)/Post-Construction, Public Education Plan (PEP), and Total Maximum Daily Load (TMDL) Committees

The Chair of the GLRC shall chair the Executive Committee, with the responsibility succeeding to the Vice Chair, then the Chair of the PEP Committee if the Chair of the GLRC is absent. If neither the Vice Chair of the GLRC nor the Chair of the PEP Committee is present at an Executive Committee meeting, the Chair of the IDEP Committee shall serve as Chair for the meeting. The GLRC Officers shall not have an alternate serve on their behalf on the Executive Committee, but their alternate can vote in their absence.

The Executive Committee will seek consensus on all issues brought before it. In the absence of consensus, the Executive Committee will adopt motions only when a majority of its members vote in favor of a motion. Each full and associate member will have one vote.

F. Meetings

The GLRC shall meet at least twice each year at a designated time and location established by the Executive Committee. Agendas for GLRC meetings will be distributed and circulated to all members at least 7 days in advance of all meetings. The Executive Committee will meet at least five times each year at the call of the Chair. All meetings of the GLRC, Executive Committee, standing committees, or special committees established under the GLRC shall operate under the Robert's Rules of Order unless modified by a majority vote of the GLRC members. The meetings of the GLRC may be rotated to locations throughout the three watersheds allowing any member or community agency to host a meeting.

The Full Board of the GLRC and the GLRC Executive Committee shall comply with the Michigan Open Meetings Act. The IDEP/Post-Construction, PEP, and TMDL Committees, and any additional or ad-hoc committee, may transact business at electronic meetings as advisory committees with no defined membership.

G. GLRC Duties

The GLRC shall have the following duties:

1. Budget and Assessments

The fiscal year for the GLRC shall be from October 1 – September 30.

Upon execution of this Agreement, review and approve the annual budget for the GLRC and establish the allocation of annual assessments for each member category. The GLRC shall adopt a budget before September 30 for the calendar year that follows.

2. Standing Committees

Establish and outline a charge for up to three standing committees. The IDEP/Post-Construction, PEP, and TMDL Committees will continue to function. Any member or designated alternate may serve on any standing committee. See Appendix A for a chart of the GLRC structure.

3. Watershed Management

The GLRC is committed to working with watershed partners in the region. This may include but is not limited to: Middle Grand River Watershed Planning Project (319), Red Cedar River Watershed Planning Project (319), Friends of the Looking Glass River, Friends of the Red Cedar River, Middle Grand River Organization of Watersheds (MGROW), Mid-Michigan Environmental Action Council (Mid-MEAC), student groups, etc. The GLRC values the watershed efforts being conducted and will work with these groups to improve water resources in the Tri-County region.

4. Other Duties

- Maintain official written record of meetings that includes attendance, issues discussed, and votes taken.
- Recommend to member communities, institutions, school districts, and counties any subsequent changes needed to this Agreement.
- Take other actions required, including delegation of responsibilities to the Chair or Executive Committee to carry out the purposes and conduct the business of the GLRC including, but not limited to, directing the activities of any committees established under this Agreement or subsequently authorized by the GLRC.
- Encourage and promote public input into decisions and recommendations of the GLRC, and of all committees established by the GLRC.

H. Executive Committee Duties

The Executive Committee shall have the following duties:

1. Budget

With the advice of the standing committees, supervise the expenditure of GLRC monies consistent with the approved annual budget.

2. Supervise Staff and Arrange Support Services

Arrange for the services of staff responsible for facilitating meetings, preparing agendas, and negotiating and advocating on behalf of the GLRC. Supervise and provide direction to staff of the GLRC, make provisions for necessary management support services for operation of the GLRC.

All staff or employees employed by the GLRC shall be and remain at all times solely the agents, servants, or employees of the GLRC and shall not be construed for any purposes to be an agent, servant, or employee of any constituent member of the GLRC.

3. Provide Forum for Discussion

Provide a forum for discussion, and, if appropriate, resolution of issues related to the implementation of this Agreement brought to its attention by any member of the GLRC.

4. Other Duties

- Assist the standing committees and special committees of the GLRC in meeting their respective responsibilities.
- Maintain a brief written record of each Executive Committee meeting including, at a minimum, attendance, list of issues, and a record of decisions.
- Take other actions that are consistent with the provisions of this Agreement and direction provided by the GLRC.

IV. RESOLUTION

The communities, institutions, school districts, and counties entering into this Agreement shall do so by the passage of a formal resolution, or exercising authority that includes the ability to commit to the payment of their appropriate assessments based on their membership category for support of the GLRC. In subsequent years, communities, institutions, school districts, and counties shall indicate their acceptance to continue this Agreement, should it remain unchanged, through the payment of their appropriate annual assessment in support of annual budgets approved by the GLRC.

Modifications to this Agreement as may be recommended by formal action of the GLRC shall be subject to acceptance of the appropriate authority of each community, institution, school district, or county.

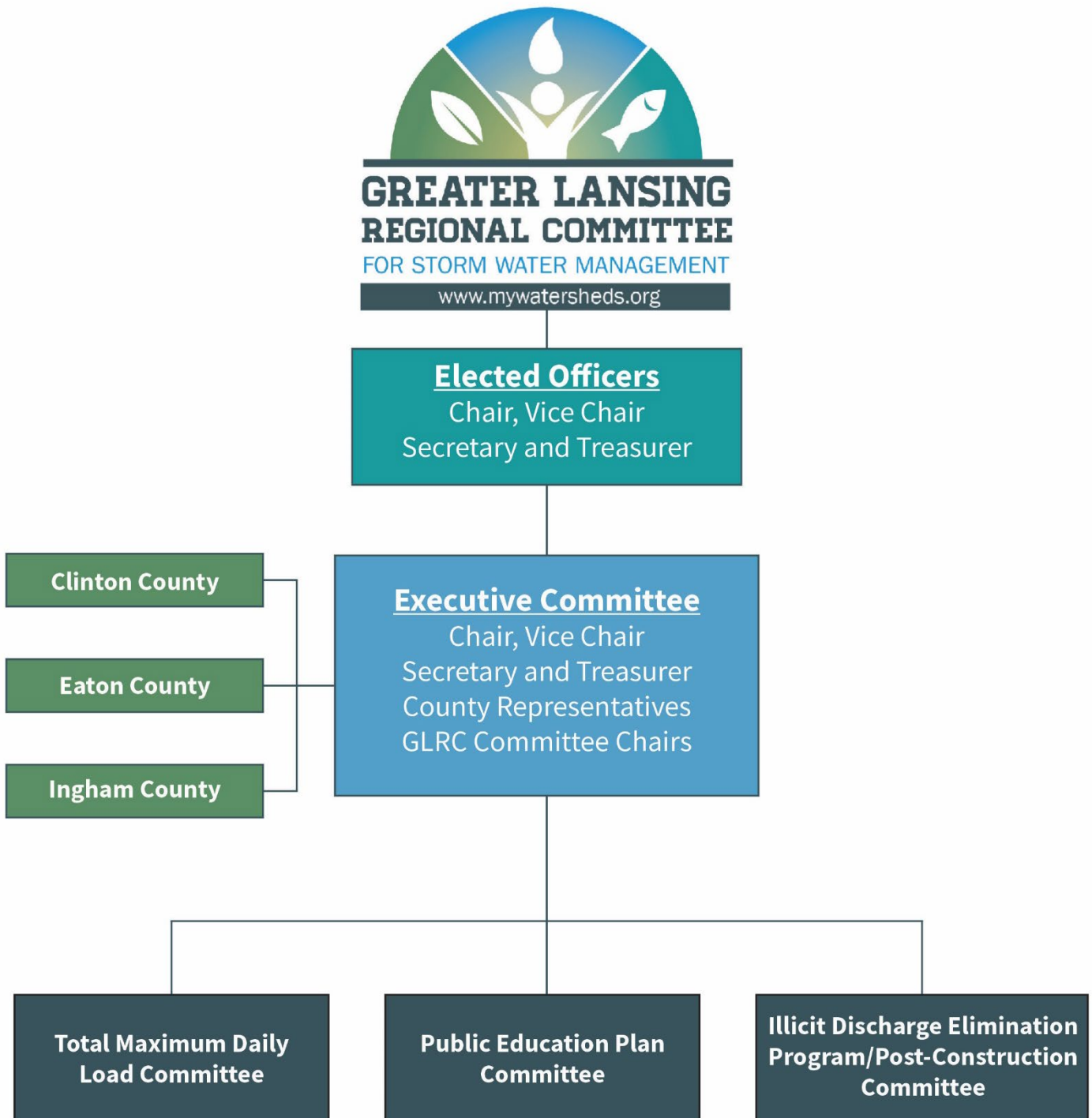
Services provided through the GLRC and grant funds if obtained for stormwater management shall be, to the extent practical, limited to members that have signed and met their respective financial obligations under this Agreement.

V. INDEMNIFICATION, INSURANCE AND LEGAL FEES

Each signatory to this agreement, as part of its general liability coverage, shall maintain coverage for any damages, claims, causes of action, or actions of any nature whatsoever arising from this agreement. This agreement is not intended to create a legal entity subject to suit. Nothing in this section shall be construed to give any third party any claim to which said third party would not otherwise be entitled, nor shall it abrogate or diminish the defense of governmental immunity, or any other defense, for any claim against any party.

APPENDIX A

STRUCTURE OF THE GREATER LANSING REGIONAL COMMITTEE FOR STORMWATER MANAGEMENT



The Greater Lansing Regional Committee for Stormwater Management (GLRC) is a guiding body comprised of regulated Municipal Separate Storm Sewer System (MS4) communities within the Greater Lansing region. The committee was established in 1999 to guide the implementation of the stormwater program for participating communities within the Grand, Red Cedar, and Looking Glass River watersheds. The GLRC is administered by the Tri-County Regional Planning Commission.

GLRC Members

Clinton County
Delhi Charter Township
Delta Charter Township
DeWitt Charter Township
City of DeWitt
City of East Lansing
Eaton County
City of Grand Ledge
Ingham County
Lansing Charter Township
Lansing School District
City of Lansing
City of Mason
Meridian Charter Township
Michigan State University
Waverly Community Schools

Administrative Support:

Tri-County Regional
Planning Commission
3135 Pine Tree Road
Suite 2C
Lansing, MI 48911
(517) 393-0342
Fax (517) 393-4424

MS4 Basics

Separate storm sewers capture runoff water in catch basins and pipes that lead directly to rivers, streams, and lakes without being processed at a treatment plant. Oil, pet waste, sediment, or litter that is washed into the system enters and impacts waterbodies. To limit pollution, the EPA's Phase II rule requires operators of Municipal Separate Storm Sewer Systems in urbanized areas to implement programs and practices to control polluted stormwater runoff through the use of National Pollutant Discharge Elimination System (NPDES) permits. For permit compliance, MS4 municipalities must meet the "six minimum measures."

Role of the GLRC

The GLRC guides members through the six measures and the NPDES permit application process, helps them maintain compliance during the permit cycle, and assists them during DEQ audits and inspections. GLRC staff perform and facilitate the public education requirements, author ordinance and best management practice guidance documents, maintain permit tracking data, draft permit documentation, and provide municipal staff training. This collaborative approach creates consistent development standards throughout the region, fosters knowledge sharing, and saves municipalities money by pooling resources.

The Six Minimum Measures

Public Participation/Involvement



Providing opportunities for citizens to participate in program development and implementation, including effectively publicizing public hearings and/or encouraging citizen representatives on a stormwater management panel.

Public Education



Distributing educational materials and performing outreach to inform citizens about the impacts polluted stormwater runoff discharges can have on water quality.

Illicit Discharge Detection and Elimination



Developing and implementing a plan to detect and eliminate illicit discharges to the storm sewer system. Activities include developing a system map and informing communities about hazards associated with illegal discharges and improper disposal of waste.

Construction Site Runoff Control



Developing, implementing, and enforcing an erosion and sediment control program for construction activities that disturb one or more acres of land. Controls could include silt fences and temporary stormwater detention ponds.

Post-Construction Runoff Control



Developing, implementing, and enforcing a program to address discharges of post-construction stormwater runoff from new development and redevelopment areas. Applicable controls could include preventative actions such as protecting sensitive areas (e.g., wetlands) or the use of structural best management practices (BMPs) such as grassed swales or porous pavement.

Pollution Prevention/Good Housekeeping



Developing and implementing a program with the goal of preventing or reducing pollutant runoff from municipal operations. The program must include municipal staff training on pollution prevention measures and techniques, such as regular street sweeping, reduction in the use of pesticides or street salt, or frequent catch basin cleaning.

EGLE touts the GLRC as an example for other regions to follow because it allows for open communication between watershed stakeholders and regulators, maintains regional consistency and compliance, and is a cost-effective approach that saves municipalities money.

EGLE Statewide MS4 Program Coordinator Christe Alwin on the success of the GLRC's regional approach:

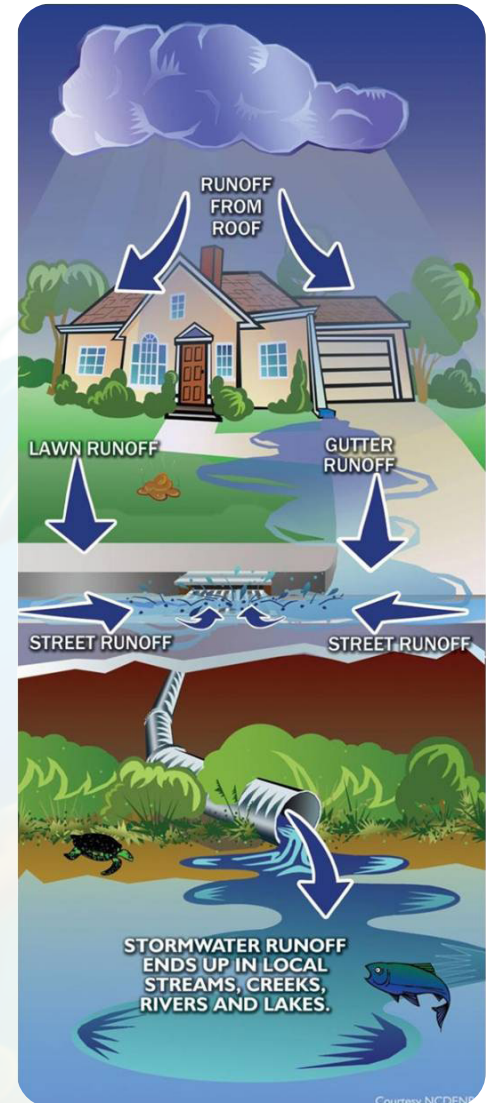
"Most GLRC members are subject to the federal stormwater regulations. There are three types of stormwater discharges regulated under the federal stormwater rules: discharges from construction activities, discharges from industrial activities, and discharges from municipal sources. GLRC members with regulated stormwater discharges from municipal sources are required to obtain MS4 permit coverage. Nationally there are over 6,500 regulated MS4s.

At our request, the GLRC successfully piloted a new MS4 permitting approach. The GLRC framework of engaged membership focused on regional collaboration was used by EGLE to guide development of the new MS4 permitting approach. **The GLRC continues to be an example of a successful model for collaborative stormwater management by maximizing financial resources, delivering consistent messaging across the watershed, and developing regional stormwater control standards."**

Benefits of Membership:

- Dues pay for materials and professional staff time/technical assistance that would be significantly more costly without membership. For example, permits require municipalities to educate the public and measure the effectiveness of their efforts. Rather than hire a consultant to draft a public education campaign (and pay internal staff to implement it), all GLRC members get credit for the outreach efforts of GLRC staff AND those of the other members. This collaborative approach keeps costs down. Also, every six years the GLRC conducts a community survey to analyze gaps in public knowledge and to determine the success of education initiatives. This survey is the key to permit compliance, but would be cost prohibitive if not for regional collaboration.
- GLRC staff attend conferences and meetings and report back to the group, providing members access to new ideas from other projects and programs.
- Membership connects municipalities to the GLRC's good relationship with EGLE. EGLE staff attend meetings and sub-committee work groups, and work alongside the GLRC to ensure that plans and activities are acceptable and meet permit requirements. This tremendous asset isn't as likely for an individual community.
- GLRC membership enhances eligibility for state and federal infrastructure funds. There is a preference to grant funds to "development ready" communities who are already managing their resources. Participation in the GLRC is proof of this commitment.
- The GLRC also provides members with a place to learn from their peers. Members share expertise and insider problem solving techniques for the infrastructure and land management challenges facing the region. Area drain offices, cities, townships, MSU experts, and EGLE collaborate and solve problems together.

Diagram of an MS4



**Check out the GLRC
on Facebook, Twitter,
and Instagram at
[MyWatersheds.org!](http://MyWatersheds.org)**





The Greater Lansing Regional Committee for Stormwater Management (GLRC)

GLRC Members

City of DeWitt
 City of East Lansing
 City of Grand Ledge
 City of Lansing
 City of Mason
 Clinton County
 Delhi Charter Township
 Delta Charter Township
 DeWitt Charter Township
 Eaton County
 Ingham County
 Lansing Charter Township
 Lansing School District
 Meridian Township
 Michigan State University
 Waverly Community Schools

Administrative Support:

Tri-County Regional
 Planning Commission
 3135 Pine Tree Road, Suite 2C
 Lansing, MI 48911
 (517) 393-0342



Check out the GLRC on
 Facebook, Instagram, Twitter,
 and at MyWatersheds.org!



Coordinating local programs and public education to reduce stormwater pollution and improve watershed health since 1999.

- Stormwater management
- Watershed protection
- Surface water quality

The GLRC is a guiding body comprised of regulated Municipal Separate Storm Sewer System (MS4) communities within the Greater Lansing region.

The committee guides the implementation of the stormwater program for MS4s within the Grand, Red Cedar, and Looking Glass River watersheds and is administered by the Tri-County Regional Planning Commission.

Separate storm sewers capture runoff water in catch basins and pipes that lead directly to rivers, streams, and lakes without being processed at a treatment plant.

Oil, pet waste, sediment, or litter that is washed into the system enters and impacts waterbodies.

To limit pollution, the EPA requires operators of MS4s in urbanized areas to implement programs and practices to control polluted stormwater runoff through the use of National Pollutant Discharge Elimination System (NPDES) permits.

The GLRC collaborates with members to meet their NPDES requirements and protect our waters.

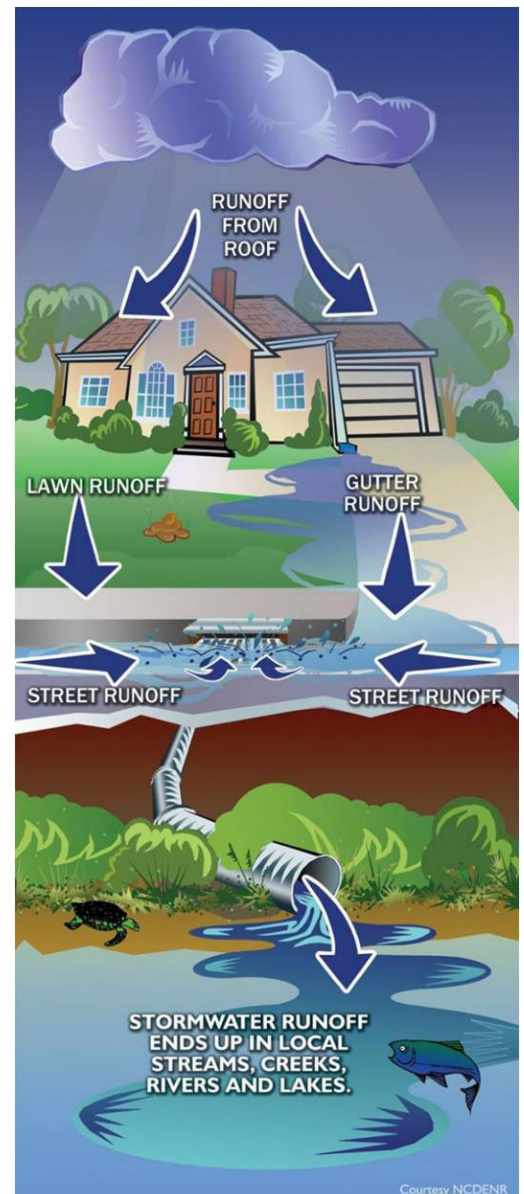


Diagram of an MS4

Resource Recovery Department Report

For Public Works & Planning Committee

October 2023

General Updates:

Attended available meetings to prepare for the upcoming Material Management Planning updates. EGLE has not issued a new release date for the notice of intent.

The Recycle Workgroup met on October 4, 2023, and discussed the future direction of the department and the department coordinator vacancy. The Workgroup decided to recommend to the Board establishing an Environmental Sustainability Director position to replace and expand upon the previous Resource Recovery Coordinator position.

Local Projects:

Final quarterly reporting forms for the 2022-2023 Solid Waste Alternative Grant (SWAG) program were provided to all participants on 9/13/2023. The completed reports were all received before the 10/16/2023 due date, completing the program year.

2020-2023 SWAG Total Collected Core Material Diversion (Tons)			
Program Year	2020–2021	2021-2022	2022-2023
Bellevue/Olivet	137.86	132.86	135.37
CARA	351.66	334.99	247.74
Delta Township	217.85	212.59	167.65
Grand Ledge	114.63	114.43	98.11
Sunfield	49.04	41.33	84.16
Total	950.38	909.306	733.03

County Programs:

The fourth quarter progress report for the 2022-2023 Rural Electronics Recycling Grant was completed and submitted to the state on 10/12/2023. There were no reimbursable expenditures made during the period.

The third quarter 2023 Scrap Tire Cleanup Grant report was sent on 10/12/2023. At this time, all scrap tire collection events for the 2023 grant period have been completed. A total of ten (10) trailers were utilized with approximately 9,774 tires collected between Barry, Clinton, and Eaton Counties.

Education:

Attended the Resource Recovery Educators of Michigan fall meeting on October 9, 2023.



133 FITZGERALD PARK DR.
Grand Ledge, MI 48837
(517) 627-7351 office
(517) 627-4234 fax
www.eatoncountyparks.org

Directors Report-November 8th, 2023

Monthly Briefing:

5 K Run
Fitzgerald Park Staircase
Naturalist Update
Fox Observatory
Crandell Auto Lock Doors
Crandell Lake Auto Locks
Dyer Kiln Update
Parks Focus Group Update
Invasive Species

5 K Timber Run: Eaton County Parks and Recreation held its annual 5 K Timber Run at Fitzgerald Park on October 14th. Even with the wet and cold weather conditions we had 88 people register for this event. This brought in a total of \$2,200.00 in registration fees.

Fitzgerald Park Staircase: I have 1 company that is in the process of providing a quote for a switchback that would replace the old staircase that leads down to the ledges trail. I expect this quote to come in the next week or two.

Naturalist Programs: Some of the highlighted programs from October naturalist programs included the Harvest Moon Walk with a participation of over 50 people, ABNL programs, and 3 Fall Foliage walks.

Fox Observatory: The Fox Observatory had an exciting month with 2 separate general public viewing opportunities and 1 partial solar eclipse that took place on 10-14-2023.

Crandell Lake Auto Locks: The auto locks for the bathrooms located at Crandell Park have been installed. These are programmed to open and close at designated times. Since the installation has been completed we have not experienced any additional vandalism.

Dyer Kiln Update: I am still waiting on a quote from Jeff Bowen on cost estimates for masonry work on the kiln. I hope to have this within the next week or two.

Parks Focus Group: The parks focus group was on 10/11/2023 and a discussion took place about creating an RFP for park development plans that includes Lincoln Brick, Fitzgerald, Fox, and Crandell Parks. It will

be exciting to see what proposal ideas are submitted as the RFP has been issued.

Friends of Eaton County Meeting: The friend's group held a meeting on 10/11/2023. They are currently working on recruiting new members and we discussed getting this group more involved in park projects and volunteering with programs. As we start to develop new programs it is important to make sure the friends are included in some of the "fun" programs.

Native Species: A current seasonal employee, Ethan Jacobs has been working on identifying invasive species in the parks. Ethan graduated from Central Michigan University with a Bachelor of Science degree in biology with a focus on conservation, ecology, and evolution, with minors in environmental policy, and outdoor education in sustainability. He started working on this in September and has compiled a list for almost all the park properties. Once this is completed we can start to develop and address the treatment and removal of these. Many of our invasive species will require mechanical removal and with the upcoming Junior Ranger Program, this would be a wonderful opportunity to utilize this workforce and address a major problem in our parks.

PUBLIC WORKS AND PLANNING COMMITTEE

Capitol Area Regional Transportation Study Committee - 1 year term

Mark Mudry	12/31/24
Alternate	12/31/24