

City of Mason

Municipal Separate Storm Sewer System (MS4) Stormwater Program

Progress Report

May 2016 to December 31st, 2020

Submitted to:

Department of Environment, Great Lakes, and Energy



Table of Contents

1.0 General Information	1
2.0 GLRC	1
2.1 GLRC Background	1
2.2 GLRC Members	2
2.3 GLRC Organization	2
2.4 Watershed Partnerships and Related Efforts	4
3.0 Implementation Committee Reports	6
3.1 PEP Committee (including individual community activities)	6
3.2 IDEP/Post-Con Committee	25
3.3 TMDL Committee	26
4.0 Other GLRC Activities	27
Appendix A	
Appendix B	
Appendix C	
Appendix D	
Appendix E	
Appendix F	

1.0 General Information

This progress report is being submitted by the City of Mason in partial fulfillment of the requirements of the Phase II Stormwater National Pollutant Discharge Elimination System (NPDES) Permit No. MI0059779. The permit allows discharges from a municipal separate storm sewer system (MS4). The Michigan Department of Environment, Great Lakes, and Energy (EGLE) requires that a progress report be submitted on the implementation status of the current permit. Though progress reports are typically completed every two years, an error within the previous permit issued in 2013 did not account for delays in reissuance and therefore required reporting up to, not after, 2016. As such, this progress report will account for a longer reporting period between May 2016 and December 31st, 2020.

2.0 GLRC

The GLRC is a guiding body comprised of participating permitted MS4 communities within the Greater Lansing Region. The committee has been established to guide the implementation of the MS4 program for the communities within three identified urbanized watersheds: The Grand River, the Red Cedar River and the Looking Glass River Watersheds.

2.1 GLRC Background

In November 1999, nine communities and three counties in the Greater Lansing Area organized to discuss the Federal Regulations for the Stormwater Phase II Program. The result of this organization was an agreement to pool resources on a regional basis to fulfill the requirements of the program. Initially, based on 1990 census population data, these nine communities and three counties were the only entities in the Greater Lansing Area that were designated to participate in the Phase II “Voluntary Permit Program” by EGLE. Following several meetings of this group during late 1999 and early 2000, a resolution was drafted to establish the “Greater Lansing Area Regional NPDES Phase II Stormwater Regulations Committee” and representatives from each jurisdiction were named to serve on the committee.

Soon after the organization of the Committee in 2000, the Tri-County Regional Planning Commission (TCRPC) began to assist the committee in providing contractual, fiduciary, and administrative support. Tetra Tech was selected to produce a permit strategy study, and later to prepare the Voluntary Grant Permit Applications for each community. Again in 2002, Tetra Tech was retained to prepare watershed management plans (WMPs) for the Grand River and Red Cedar River watershed areas and would later prepare a WMP for the Looking Glass River watershed area.

Based on the increased population data following the release of the 2000 Census, ten additional communities were designated to meet the stormwater MS4 requirements under Federal and State regulations. Ultimately, seventeen communities and the three counties agreed to participate in a regional approach until April 30, 2008. Most recently the GLRC’s Memorandum of Agreement (MOA) was updated to align with the current permit cycle. The updated MOA was adopted by GLRC members and therefore establishes the GLRC legally

through April 30, 2022. There are also a number of interested parties that are consistently involved with the planning activities associated with this program such as park, conservation districts, utility authorities, and transportation authorities. The participating communities recognize the substantial benefits that can be derived through cooperative management of the watersheds and achieve the MS4 permit requirements.

2.2 GLRC Members

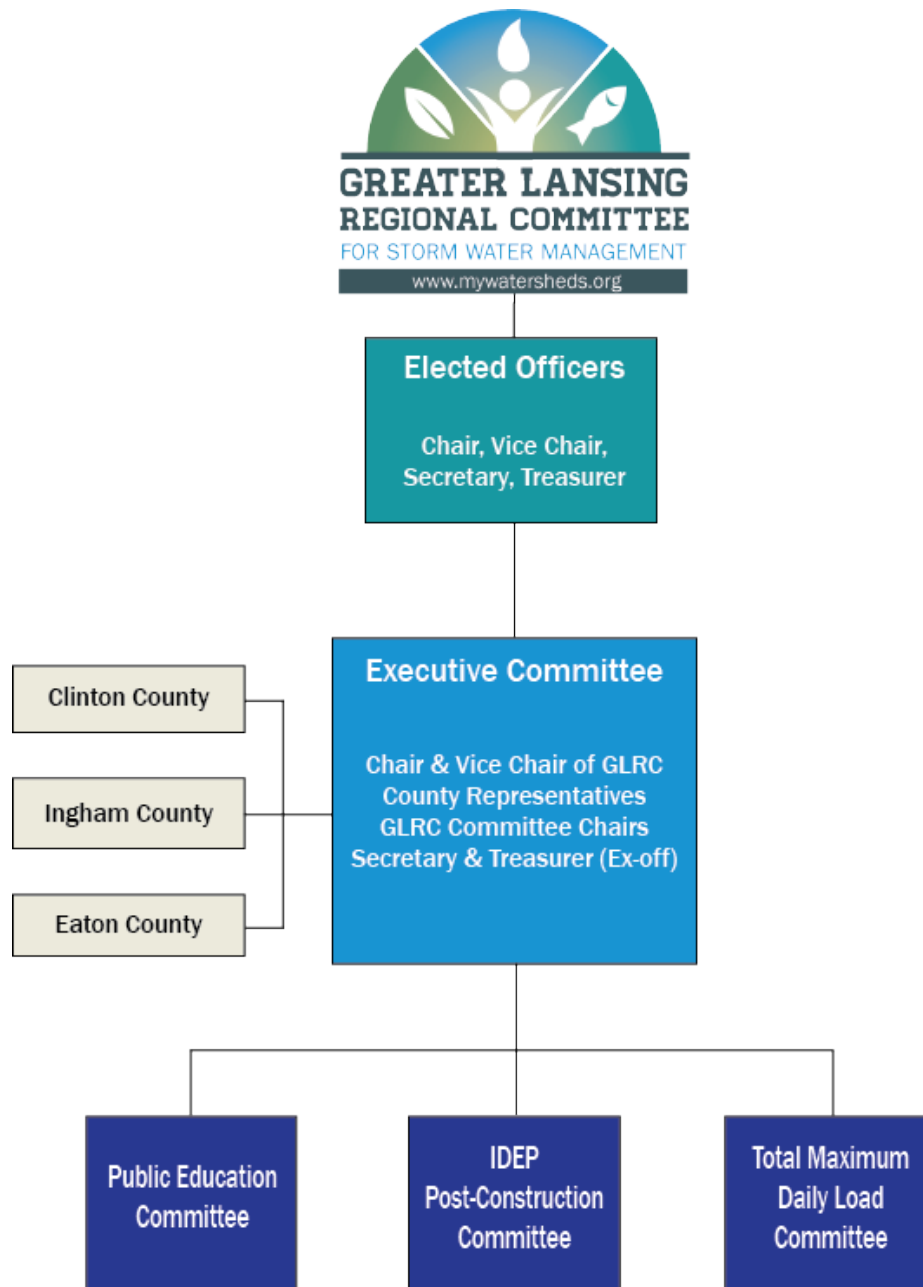
The participating MS4 entities that currently make up the GLRC are as follows:

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

2.3 GLRC Organization

Within the GLRC, a number of committees have been established to guide various components of the MS4 program. Other committees may be established as needed throughout the course of the program. A list of the committees including a brief description of their responsibilities follows.

GLRC organization effective December 5th, 2019 - current



Executive Committee

The GLRC Executive Committee is comprised of a maximum of eight voting members consisting of the Chair and Vice Chair of the GLRC, one representative from each of the three counties, and the chairs of the Illicit Discharge Elimination Program (IDEP)/Post-Construction Committee,

Public Education Program (PEP) Committee, and Total Maximum Daily Load (TMDL) Committee. The Executive Committee meets five times a year and the Full Committee meets twice a year.

Public Education Program (PEP) Committee

The PEP Committee guides the overall public education, participation, outreach, and involvement process. This also includes evaluation of the program and assessment of public knowledge and activities.

Illicit Discharge Elimination Program (IDEP) / Post-Construction Committee

The IDEP/Post-Con Committee guides the organization and implementation of the Illicit Discharge Elimination Program, mapping guidelines, field-sampling protocols, and how the watershed will be monitored for progress, as well as advises on matters regarding Post-Construction measures. The Committee has reviewed and provided recommendations related to pet waste reduction techniques, septic tank maintenance issues, staff training, as well as channel protection and TSS removal practices.

Total Maximum Daily Load (TMDL) Committee

Makes recommendations regarding the Grand River and Red Cedar River E. coli Total Maximum Daily Load (TMDL) requirement. The committee provides education and updates to GLRC members to assist in the development and implementation of TMDL programs.

2.4 Watershed Partnerships and Related Efforts

Middle Grand River Organization of Watersheds (MGROW)

MGROW is an outgrowth of the Grand River Expedition 2010, founded in 2011 and established as a 501c3 in February 2012. MGROW is striving to bring together local communities, watershed groups and other stakeholders in the Middle Grand River Watershed to build a greater understanding of and stewardship for our water resources. MGROW's mission: *To protect and preserve the history and the natural resources of the Middle Grand River Watershed by promoting education, conservation, restoration, and wise use of watershed resources.* While the Upper Grand River Watershed Alliance (Jackson area) and the Lower Grand River Organization of Watersheds (or LGROW, in the Grand Rapids area) assist local watersheds in their respective regions, serving as umbrella organizations to network and share ideas with local watersheds, the Middle Grand River Watershed has been without such support until the formation of MGROW. Local watersheds and program administrators in the MGROW area include: Friends of the Looking Glass River; Friends of the Maple River; Friends of the Red Cedar; GLRC; local conservation districts; Michigan State University Institute of Water Research (MSU-IWR); TCRPC and Mid-Michigan Environmental Action Council (Mid-MEAC). These groups have been operating independently from one another but have been exploring avenues for collaboration.

The GLRC Coordinator continues to work with MGROW to identify collaborative opportunities related to education, recreation and monitoring and the GLRC Coordinator serves on the board of MGROW. Visit <http://www.mgrow.org/> for more information on this valuable partner.

Water Trail Planning/Grand River Partnership

The GLRC Coordinator assisted MGROW with the development of the DNR designated Middle Grand River Water Trail and associated materials, with the goal of inspiring new watershed stewards through recreation. The GLRC Coordinator also participates in the Grand River Partnership, a group composed of LGROW, MGROW, and Upper River Watershed Alliance who work together to promote watershed wide educational opportunities, collaborate on watershed protection, and collaborate on a headwaters to Lake Michigan paddle trail planning effort. Most recently, the group led the planning effort for the (since postponed) 2020 Grand River Expedition and are planning for virtual/socially distant opportunities to engage residents in watershed-based activities in 2021.

Looking Glass River Watershed Efforts

Friends of the Looking Glass River Watershed Council host local paddling events and log jam clean ups. The GLRC partners on related events and activities to promote recreation and awareness of the river. In late 2020, a surge of new members and leaders have inspired new activity and programming. The GLRC has met with leadership to discuss the role of the GLRC, the two group's history of partnership, and the educational resources available at GLRC. The GLRC has also submitted letters of support for grant proposals seeking to establish river clean up events for citizens of the watershed. The two groups are currently exploring further opportunities for partnering.

Red Cedar River Watershed Efforts

In 2019, the Friend of the Red Cedar River formed and brought a stakeholder group of river residents, paddlers, and governments together to promote watershed stewardship and recreation. The GLRC Coordinator assisted the group with early organizational efforts and provided guidance on Red Cedar River water trail effort with the goal of inspiring new watershed stewards and educational opportunities through water-based recreation.

Maple River Watershed Efforts

While outside of the urban area, the GLRC partners with Maple River stakeholders in their watershed planning efforts. The GLRC Coordinator sits on the Upper Maple River non-point Source Steering Committee as well as the Stony Creek Planning Project, a tributary of the Maple.

Dam Removal Exploratory Group

The GLRC Coordinator participates with a group of watershed stakeholders exploring feasibility of removing Lansing's two dams, advising on possible green infrastructure solutions to post-removal riparian restoration.

Smart Management of Microplastics Pollution

Smart Management of Microplastic Pollution in the Great Lakes is an initiative aimed at reducing microplastic pollution in communities surrounding the Great Lakes. Based out of Wayne State University, the project team selected two communities (Williamston and Pontiac) to pilot projects aiming to monitor, detect, and reduce microplastics in stormwater runoff and drinking water. The GLRC Coordinator is on the Steering Committee and assists with the development of outreach efforts.

Capital Area Sustainability Partnership

In 2021, a group of regional stakeholders began meeting to discuss sustainability and climate change planning efforts. The GLRC Coordinator, through the capacity of planner at the Tri-County Regional Planning Commission, has assisted in the facilitation of these regional discussions and helped include stormwater management as a focus of these conversations. The GLRC Coordinator has also leveraged GLRC connections to bring watershed partners into this planning effort.

3.0 Implementation Committee Reports

3.1 PEP Committee (including individual community activities)

The PEP Committee met on the following occasions:

April 26th, 2017
August 10th, 2017
March 21st, 2018
May 22nd, 2018
October 22nd, 2018
May 17th, 2019
November 23rd, 2020
January 20th, 2021

Committee Activities:

Regional Water Quality Survey – As stated in previous progress reports, the survey results continue to be used as a tool for the PEP Committee regarding all educational efforts and public participation. Surveys were conducted in 2006, 2012, and 2018. The surveys provide comparison data; demonstrating where we have made progress through our educational efforts and identifying areas that need improvement. This is used to craft and evaluate the success of our PEP BMPs. The survey results can be found on the GLRC website here: <http://mywatersheds.org/resources/publications/>

Pollution Isn't Pretty (PIP) - Originally funded by TCRPC's Mid-Michigan Program for Greater Sustainability, MGROW has facilitated the use of the water resource education campaign titled: Pollution Isn't Pretty. The PIP campaign was professionally designed and is being used consistently across the region. The campaign is currently owned and housed by MGROW. In late 2020, an error at the web hosting firm caused the web content to be deleted, and MGROW offered to redirect the website to the GLRC's website. Now, existing materials, including the roughly 250 pet waste trail signs throughout the region, will direct to the GLRC's "For Residents" page. The GLRC will continue to financially maintain the Pollution Isn't Pretty domain. Partners from throughout the watershed, including the GLRC, distribute materials from this campaign and with the domain. See: <http://www.pollutionisntpretty.org>

The following GLRC members have placed the Pollution Isn't Pretty signs in their communities: Lansing Charter Township (3), City of East Lansing (20), Ingham County Parks (5), Clinton County Parks (2), DeWitt Charter Township (3), Meridian Charter Township (4), City of Lansing (5), City of Grand Ledge (4), and MSU (1). Several signs have also been placed on the Lansing River Trail.



Dog waste bag stations downtown Mason and along the Hayhoe River Walk

Watershed Signage – With the help of local road commissions, signage was placed along roads to indicate watershed boundaries to passing vehicles, cyclist, and pedestrians. These were installed between 2005-2006 but are maintained indefinitely.



Signage entering the City of Mason

GLRC Exhibit Display – The traveling exhibit display was developed in 2008 and has been used extensively at local workshops, conferences, community lobbies, etc. When the display is not being used for a special event, it travels throughout the region at GLRC member offices. The GLRC display panels were redesigned in 2014 to incorporate the PIP campaign, and in 2017 a scroll style “pop up” banner was developed that could be utilized in more places, like outdoor events. It was designed with a header titled “We All Live In A Watershed” in order to address survey results that indicate many residents don’t know that they live in a watershed. In 2019’s Public Education Plan update, most GLRC members agreed to display the scroll style banner in their lobbies (or other public place, like a library) for 2-3 weeks each year*. Multiple communities purchased their own scroll banners to display for longer periods. In addition to the display itself, copies of GLRC publications and watershed brochures are handed out to interested parties.

*Due to the Covid-19 pandemic, display use at lobbies and public events was temporarily replaced with digital PEP BMPs, per the GLRC PEP Amendment submitted in summer 2020.

Enviroscape – In late 2017, the GLRC purchased an Enviroscape Watershed model, a hands-on, interactive demonstration of the sources and impacts of stormwater pollution. It is utilized at events where time and setting allow. The GLRC also frequently partners with EGLE at events and utilizes their interactive floodplain model.

The GLRC displays and Enviroscares unit have been utilized by the GLRC Coordinator and members. See the detailed list of the display usage in the attached Appendix A.



City of Mason display 2017



GLRC Website www.mywatersheds.org – The public website for the GLRC is maintained and updated on a regular basis. The website includes a significant amount of information relating to watersheds, stormwater stewardship, GLRC reports, educational information, links to other environmental organizations and much more. All public education outreach materials direct the viewer to our website so we can further educate them about pollution prevention. The website was updated in the spring of 2017 and again in 2020. The most recent update was driven by survey data. Survey results indicated that many residents do not realize they live in a watershed, prompting the GLRC to include “EVERYONE LIVES IN A WATERSHED” as the home page header as the first thing visitors see. Results also indicated that residents prefer learning about environmental issues from videos, prompting the GLRC to create and embed a suite of videos within the homepage.

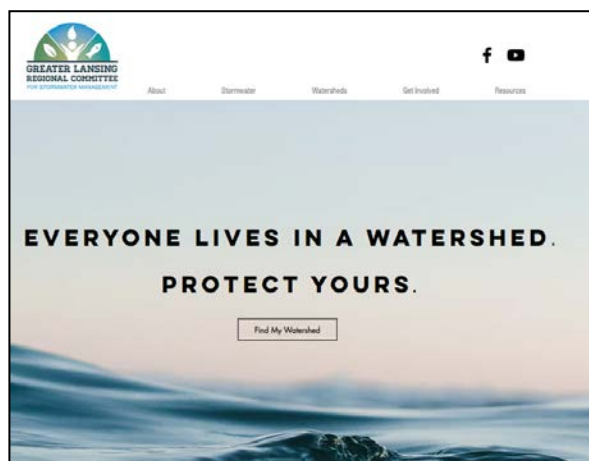
The PEP Committee reviews the website stats on a regular basis. There have been nearly 42,000 total hits on the website since its 2017 redesign, as indicated by the “ticker” at the bottom of the webpage. Google Analytics show a total of 63,549 page views and 28,315 users within the Progress Reporting period, including usage spikes surrounding the 2017 and 2020 website redesigns. There has been a significant increase in website traffic with the new website redesigns and our continued multimedia approach. These demonstrate that our efforts to appeal to wider audiences have been successful.

- May 2016 – December 2016: 1,600k page views
- 2017: 6,150 pageviews

- 2018: 7,171 pageviews
- 2019: 9,977 pageviews
- 2020: 37,031 pageviews



The committee also tracks traffic to individual pages to monitor the strength of individual pages and interpret what information resonates well. Since the 2017 redesign, our “Rain Garden 101” page is by far the most popular. More planting guides and suggestions were added to supplement this page based on this feedback. Our “Stormwater Basics” and “What’s a Watershed” pages received a total of 10,298 visits during the reporting period.



City of Mason’s stormwater page link and some of its content:

As of May 1st, 2019, the City of Mason put a site visit counter on its stormwater webpage and to date has had over 800 site visits.

www.mason.mi.us/city_departments/public_works_and_parks_/stormwater/index.php

To help facilitate a regional approach to stormwater management, the City of Mason is a member of the Greater Lansing Regional Committee for Stormwater Management, a guiding body comprised of Municipal Separate Storm Sewer System (MS4) communities within the Greater Lansing Region. The committee has been established to guide the implementation of the stormwater program for participating communities within the Grand River, the Red Cedar River and the Looking Glass River watersheds. Visit MyWatersheds.org to

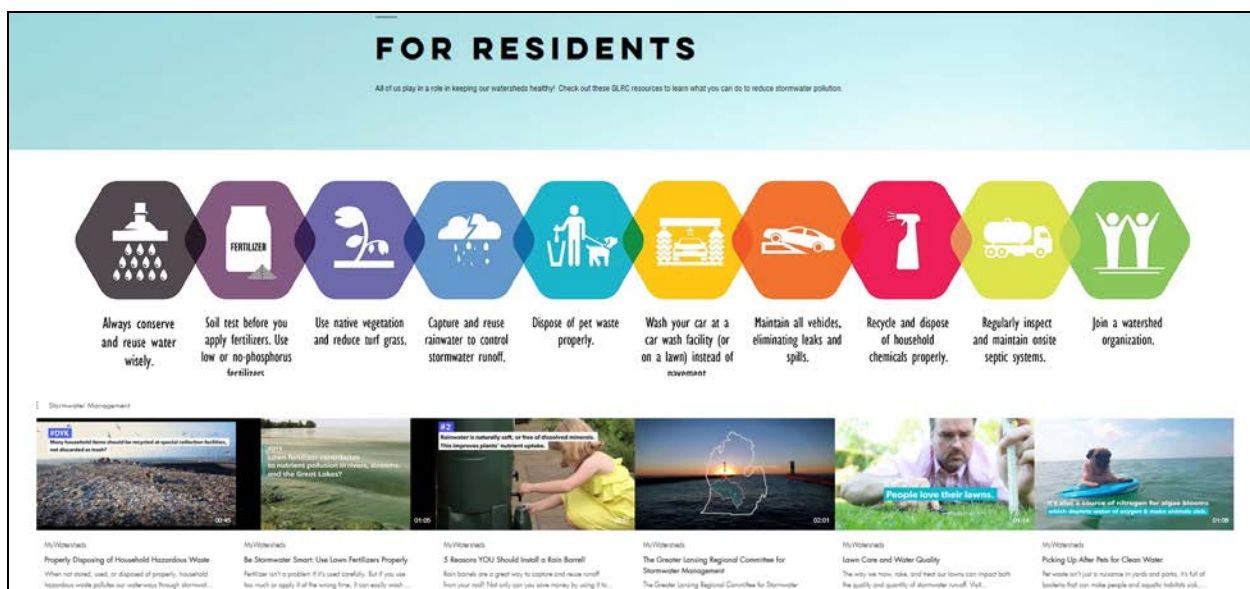
learn about upcoming events, find steps you can take to limit water pollution, and to get involved in managing our shared water resources!

If you have questions or comments regarding the City's stormwater management plan, please contact Customer Service at 517-676-9155 or at info@mason.mi.us.

Please help us protect the Red Cedar and Grand River watershed by reporting illicit discharges and dumping into the City's stormwater sewer system. You may email the City of Mason at info@mason.mi.us or call Customer Service at 517-676-9155 during business hours, if after hours dial 517-676-2458 or contact the Michigan Department of Environmental Quality's Pollution Emergency Alerting System (PEAS) at 800-292-4706.

Subpages --

For Residents Webpage – This page was developed on the website to allow GLRC members and the public to review files for education purposes. These files include brochures, posters, articles, seasonal tips, and other information to educate residents on stormwater pollution prevention. Per survey results, an emphasis is placed on video content and it is located near the top and in focus. Previous iterations were titled “For Homeowners” but that was determined to be too limiting. All residents, not just homeowners, can play a role in watershed protection.



For Educators Webpage – The PEP Committee maintains a webpage on the GLRC website for educators in the region. The page serves as a resource guide for local teachers, workshop leaders, or anyone interested in environmental education. State and federal environmental curriculum is highlighted as well as links to lesson plans. It includes resources and example projects that the schools can integrate into their current activities. The webpage also serves as a toolbox for teachers and school district officials that are required to meet MS4 permit requirements. This page continues to be

updated on a regular basis. At the beginning of the Covid-19 pandemic, this website was updated with multiple at-home-learning lessons to assist parents and teachers with finding lessons and activities suitable for remote learning.

For Members Webpage – The GLRC developed a For Members webpage in 2019 to house relevant documents and information for municipalities. There is particular focus on making it easier to view and use digital PEP materials and request physical resources for outreach events.

Be Septic Smart Webpage – The GLRC developed a septic focused webpage to house info on septic systems, time of sale programs, and our septic focused video.

Rain Garden 101 – Our most popular webpage, Rain Garden 101 includes manuals, videos, and planting resources to help homeowners plan and install their own native plant rain garden. It was developed and continuously improved during this reporting cycle. GSI focused webpages received over 16,000 views during the reporting period.

Local Green Infrastructure Projects -- This page was added to highlight Lansing area GSI projects and includes the video clip developed as part of the Greening Mid-Michigan project. It has 270 views during the reporting period.

Household Hazardous Waste Calendar – Respondents to the GLRC survey indicated that they were not utilizing household hazardous waste sites because they didn't know where they were. In response, the GLRC created a webpage dedicated to these resources. It includes an event calendar and information on disposal in the tri-county area. This received 1,395 views during the reporting cycle.

Reporting Webpage – To simplify the GLRC's shared outreach efforts, MyWatersheds.org/REPORT was created to house the IDEP reporting information for all members. This allows the GLRC to easily promote a one-stop reporting resource to the region's residents in a simple, easy to remember domain. The IDEP and reporting webpages received a total of 379 visits during the reporting period.

Event Calendar– The committee is continuously updating the GLRC calendar with applicable meetings, webinars, educational opportunities, and recreation and cleanup activities throughout the watersheds.

Website Mock Audits – The GLRC Coordinator continuously reviews members' websites and recommends improvements, and every GLRC member underwent a "mock audit" of their digital BMPs, starting in late 2017 through 2019. During these exercises, the GLRC Coordinator reviews municipal websites for PEP compliance and guides updates as needed to meet permit commitments. In addition, the GLRC Coordinator met with the stormwater and communications staff to share information on the MS4 program and its requirements, as well

as the PEP resources available to them via the GLRC. These in-person trainings occurred as indicated below:

Lansing Township	Sam Shultz	12/14/2017
Grand Ledge	Hannah Bowman	2/13/2018
Meridian Township	Deb Guthrie, Erin Cornett	3/15/2018
Ingham County Drain Commission	Angie Cosman, Emily Short, Paul Pratt, Jamie Dixon	3/26/2018
Delta Township	Jennifer Berndardin, Erica Gupton	3/28/2018
Lansing Schools	Kattie White, Jenna Erbele	5/10/2018
Mason	Dana Martin, Jeff Rewerts, Sam Bibler	8/28/2018
Eaton	Eric Diebel, Ruth-Ann Clark	8/29/2018
Clinton	Lynn Cech, Dean Morton, Phil Hanses	8/28/2018
Lansing	Alec Malvetis, Natalie Singer	12/16/2019

Educational Articles – The PEP Committee continues to use and promote a series of news articles. They are posted on the GLRC website so GLRC members can easily access them to periodically include in their local community newspapers. They are also located in the “For Residents” page and included in each quarterly newsletter. The articles cover the following topics:

<i>What is a Watershed?</i>	<i>Pet Waste and the Environment</i>
<i>Riparian Buffers</i>	<i>Storm vs. Sanitary Sewer</i>
<i>Car Washing Article</i>	<i>Illicit Discharge</i>
<i>Adopt Your Catch Basin</i>	<i>Safe Fertilizer Use</i>
<i>Vehicle Maintenance</i>	<i>Wetlands: An Overview</i>
<i>Septic System</i>	<i>Maintenance</i>

The articles are updated periodically for content and design updates, most recently in 2020.

A suggested timeline for seasonal articles is also provided.

GLRC Media Toolkit – In fall of 2020, the GLRC developed a Media Toolkit for members and their communications staff. It was designed to clearly illustrate the content available for municipal newsletters, social media, and other outreach and provide “plug and play” language. Municipal communications staff often lack the technical knowledge or time to craft stormwater related content, but the Media Toolkit features 71 pages of resources that they can pull from and customize to their needs. This reduces the barrier to frequent stormwater related outreach.

Press Releases – A suite of press release templates were developed in 2020. Covering Pet Waste, Soil Erosion, Industrial Facilities, and Dumpster/Trash BMPS, they are structured as customizable news articles for inclusion in community newspapers or municipal newsletters.

Adopt A River – The GLRC display was part of the environmental fair at the Adopt A River events held in May of 2016 through 2019. The 2020 Event was canceled due to the Covid-19 pandemic. The Envirosapes Watershed model was an activity added to make the public interaction more hands on. The GLRC was also included in the Passport, which encouraged participants to visit all booths of the environmental fair to be entered in a drawing for prizes, etc. Over 500 residents participate in this event each year.

MSU Science Festival – The MSU Science Festival is an annual month-long educational event hosted by Michigan State University. The GLRC participates in the Festival's EXPO Day, utilizing the Envirosapes Watershed model, handing out brochures, and speaking with children and families. EXPO Day draws 7,000 people each year, though it was cancelled in 2020 due to the Covid-19 pandemic. The GLRC participated in 2018 and 2019 and will continue to do so as the event returns.

Presentations – The following presentations were given by the GLRC Coordinator within the reporting period:

- May 24th, 2017: Presented new MyWatersheds.org website and materials to TCRPC Board of Commissioners.
- June 23rd, 2017: Interviewed by HOMTV. Discussed stormwater and pollution prevention.
- August 14th, 2017: Presented on stormwater/GLRC to the Lansing Exchange club, a local business and civic fraternal organization. Roughly 35 people attended.
- November 7th, 2017 – presented to local Brownies (Girl Scout) troop and used Envirosapes Watershed exhibit.
- February 14th, 2018: Presenting on stormwater and GLRC to the TCRPC Program Committee (6 commissioners).
- February 28th, 2018: Presented on stormwater program and GLRC at TCRPC commission orientation (5 commissioners).
- April 23rd, 2018: Interviewed by HOMTV for Earth Day, providing an overview of Pollution Isn't Pretty and stormwater pollution prevention.

- May 19th, 2018: Presented to participants at Ingham Conservation District's rain barrel workshop. Provided overview of GLRC and stormwater pollution prevention. Roughly 20 participants were in attendance.
- June 27th, 2018: Participated at MSU's Grand Parent's University. Presented to two classrooms of grandparents and their grandkids on stormwater pollution prevention and watersheds. Passed out 50 rain garden seed cards to attendees.
- November 20th, 2018: Shared yearly GLRC highlights and annual reports with the East Lansing Commission on the Environment (9 commissioners).
- December 4th, 2018: Presented to MWEA's Stormwater Summit on the GLRC's digital PEP efforts. Roughly 125 people attended.
- February 7th, 2019: Guest speaker at the Eaton Conservation District Annual Dinner. Presented to 100 attendees about the GLRC and stormwater pollution prevention and hosted a trivia game with water-based questions.
- February 26th, 2019: Shared yearly GLRC highlights and annual reports with the East Lansing Commission on the Environment (9 commissioners).
- March 25th, 2019: Presented to audience at MGROW's annual meeting. Discussed GLRC and stormwater pollution prevention. Roughly 75 people attended.
- February 19th, 2019: Presented on stormwater program and GLRC at TCRPC commission orientation (6 commissioners).
- October 8th, 2019: Guest lectured two classes at Olivet College. Classes were 80 minutes each, covering the history of the Phase II program, the GLRC, and pollution prevention tips. The interactive Enviroscapes watershed model was utilized. 50 students total were in attendance.
- December 6th, 2020: Participated in MGROW's Wild and Scenic Film Festival, providing a 3-minute presentation between films about the GLRC, our website, and pollution prevention. 300 people were in attendance.
- Throughout 2020, the GLRC Coordinator attended most of Meridian Township's weekly Wednesday Environmental Networking meetings. Township residents interested in environmental issues meet for free-flowing discussion. The GLRC Coordinator provides regular updates on Committee activities to this group and helps connect them with regional resources.

GLRC Annual Report – The first GLRC Annual Report was developed in early 2012 (reporting on 2011). The intent of the report is for GLRC members to share it with their boards, councils, and commissions in order to demonstrate the work that has been done throughout the year. TCRPC also shares the report with TCRPC Commissioners, subscribers to our newsletter, and on the website. The effort continues with reports developed through 2021 (reporting on 2020).

The following table indicates the annual report mailing to the GLRC newsletter subscriber list. These recipient numbers reflect members of the public who have volunteered to receive these updates, not partner/governmental contacts. This list has seen consistent growth.

Edition	Date Sent	Number of Recipients
2017	2/23/2018	44
2018	2/7/2019	150
2019	1/31/2020	275
2020	1/26/2021	525

GLRC Quarterly Newsletters – The GLRC began publishing quarterly newsletters in January 2010 and continues to do so. The newsletters are posted on the GLRC and TCRPC websites and are shared through an email distribution list of over 500 stakeholders. It is recommended that GLRC members share the newsletters with elected officials and appropriate boards, councils, and commissions.

Edition	Date sent	Number of Recipients
Fall 2017	11/1/2017	42
Winter 2018	2/23/2018	44
Spring 2018	4/20/2018	52
Summer 2018	7/23/2018	77
Fall 2018	10/31/2018	95
Winter 2019	2/7/2019	150
Spring 2019	4/29/2019	175
Summer 2019	7/17/2019	200
Fall 2019	10/28/2019	200
Winter 2020	1/31/2020	275
Spring 2020	5/11/2020	294
Summer 2020	7/16/2020	300
Fall 2020	10/21/2020	305
Winter 2021	1/26/2021	525

The City of Mason has a link to the GLRC quarterly newsletters as part of its stormwater page on its website.

GLRC Fact Sheet – A fact sheet describing the Phase II program and purpose of the GLRC was created in 2017 to help community leaders quickly understand the requirements of the program and how the GLRC helps meet them. This is distributed with annual reports, dues invoices, and to new TCRPC Commissioners to help those in leadership roles understand their municipality’s responsibilities and the GLRC resources available to them.

Social Media – The GLRC joined Facebook and Twitter in December 2009. Regular posts/updates are related to watershed stewardship, public involvement, and participation. GLRC and partner events are also posted frequently. Currently 1,335 people “like” the GLRC on Facebook (an increase of since 1,176 since 2013) and we have 389 “followers” on Twitter (an increase of 74 since 2016). The committee places heavy focus on the use of paid advertising on Facebook to spread our messaging. These tools allow the GLRC to target residents within the urban area and ensure that we are reaching people who do not already interact with our page. Our reach and influence have grown tremendously since adopting this approach. Since May 2016, our posts have “reached” over 1.8 million times and resulted in almost 3.1 million impressions, all within the urban area due to geo-targeting. Purchasing ad space diversifies the placement of the outreach material as well. Our post are not limited to our page, but are displayed on Instagram, Facebook Marketplace, and in the sidebar of Facebook (in addition to the “News Feed.”

The GLRC has committed to utilizing paid advertising from the central, shared GLRC account rather than commit to social media responsibilities of individual members. The paid posts cover each required PEP topic, and the GLRC has dedicated over \$20,500 in funding to these paid educational promotions in the reporting period.

See our pages here: <https://www.facebook.com/GLRC4stormwater/> and <https://twitter.com/GLRC4stormwater>.

The City of Mason periodically post educational stormwater related material and the link to our stormwater website to its official Facebook page.

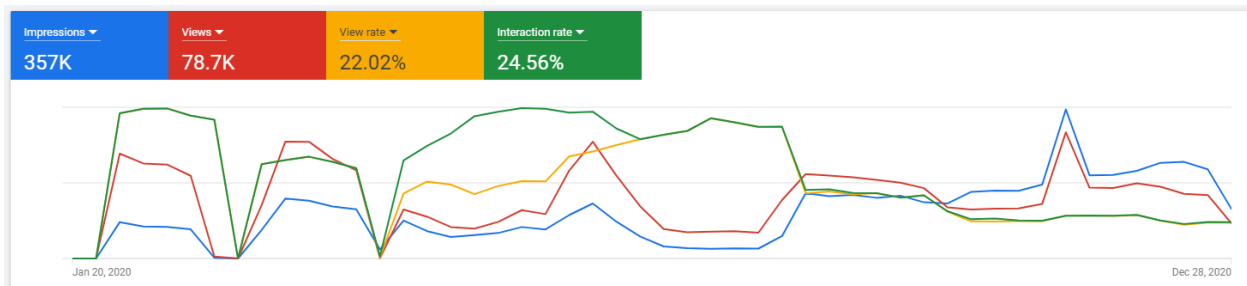
YouTube -- Survey results indicated that respondents prefer learning about environmental issues through video. As such, the GLRC invested in a suite of videos for inclusion on the website, Facebook, and YouTube. One video is two minutes and explains the GLRC and basic stormwater pollution prevention, other videos cover the required PEP topics. Most topics have two videos: one that is roughly 60-90 seconds and one that is under 15 seconds, as 15 seconds is the maximum length of a non-skippable ad. The GLRC pays to promote these videos as “pre-roll” advertisements on YouTube, utilizing both the short, non-skippable ads and traditional skippable ads. While Google indicates that a “good” view rate is 15%, the GLRC’s is 22%, indicating that nearly a quarter of users presented our videos are watching them. Data also

indicates that many users continue to watch our pre-roll advertisements even when given the option to skip ahead to their intended video.

Most encouraging is YouTube's ability to expand our audience demographic. While Facebook Analytics indicate that content is reaching an older, more female audience, a quarter of our YouTube views are from young men. Our multimedia approach is meeting our residents where they are and ensuring our outreach material has a broad reach. It also helps us diversify the places our ads display. Due to YouTube TV and the use of "casting", over 25% of viewers are viewing from Television screens. And because Google owns YouTube, these ads show up throughout the Google ecosystem and any website that uses Google Ads, not *just* YouTube. Find the channel here: https://www.youtube.com/channel/UCm-2OdB67N_dSAnR5osYSFw

*During Covid-19, the GLRC Coordinator and GLRC members were unable to satisfy in-person outreach events. In summer 2020, GLRC members submitted a PEP amendment to replace in-person PEP BMPs with a commitment to fund YouTube ads.

The GLRC began utilizing these YouTube ads at the beginning of 2020. The following reflects ad statistics from Jan 1st to Dec 31st, 2020:



Dog Calendar Contest – One of our most successful outreach initiatives, the annual Dog Photo Calendar Contest, offers residents a chance to see their dog as a month's feature photo and win a pet store gift card. In order to enter, contestants must read about pet waste's impact on water quality and pledge to pick up after their pets. The GLRC launched the first contest in 2018 and it has grown each year, with between three and four hundred entries each.

The submittal form includes an option for entrants to subscribe to the GLRC newsletter, allowing us to continue to reach these new contacts and engage them in our messaging in the future. The following indicates the number of newsletter signups resulting from each contest.

2018: 107 signups
2019: 75 signups
2020: 118 signups

New Brochures – In late 2018 and early 2019, the GLRC redesigned its suite of brochures and added Green Infrastructure as an additional topic. Redesigned tri-fold brochures also include Pet Waste Management, Fertilizer and Lawn Care, Responsible Car Washing, Motor Oil Management, and Do You Know Your Watershed? These are distributed at events and lobbies. The GLRC Coordinator distributed 1,188 brochures at events during the reporting period. The brochures were also available on GLRC webpages that received 715 views. The following reflects distribution of brochures related to individual required PEP topics.

- Topic A: 352 brochures distributed
- Topic D: 2,092 brochures distributed
- Topic F: 2,474 brochures distributed
- Topic H: 29 brochures distributed
- Topic I: 904 brochures distributed

Similar information is presented digitally on the website and social media.

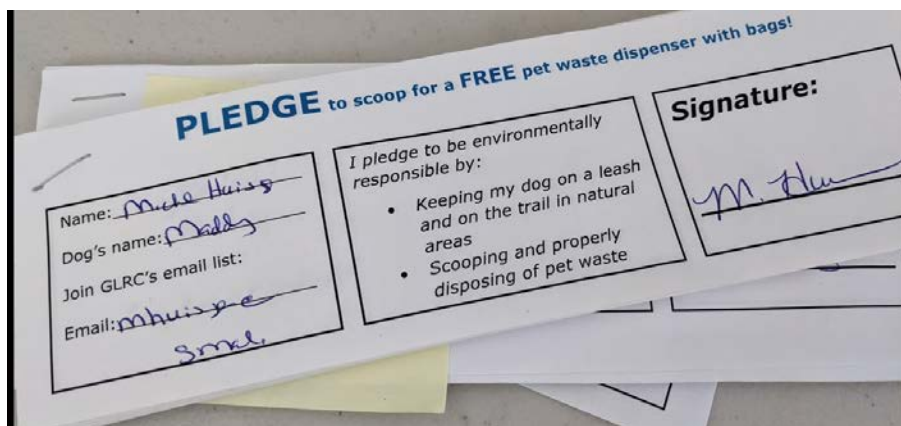
Overall, 5,387 total pieces of outreach material - including MyWatersheds.org stickers, bracelets, bike tour maps, etc. - were distributed by the GLRC coordinator at events during the reporting period.

The City of Mason put up its stormwater display and provided GLRC supplied brochures from January 10th – 20th, 2017 at City Hall in the main lobby by the entrance and exit, and always has brochures available just inside the entrance/exit doors. In October 2018 and October 2019, we displayed our own stormwater display at the City of Mason's "City Open House". We set up the display and had brochures and educational giveaways for anybody interested as well as staff to answer any questions.

Rain Garden Seed Cards – In 2017, the GLRC began distributing rain garden information cards printed on paper embedded with native black-eyed susan seeds. These provide information on the benefits of native plantings and provide residents with seeds to plant their own. They have proven very popular at events. Since 2017, 799 have been distributed through the GLRC Coordinator.

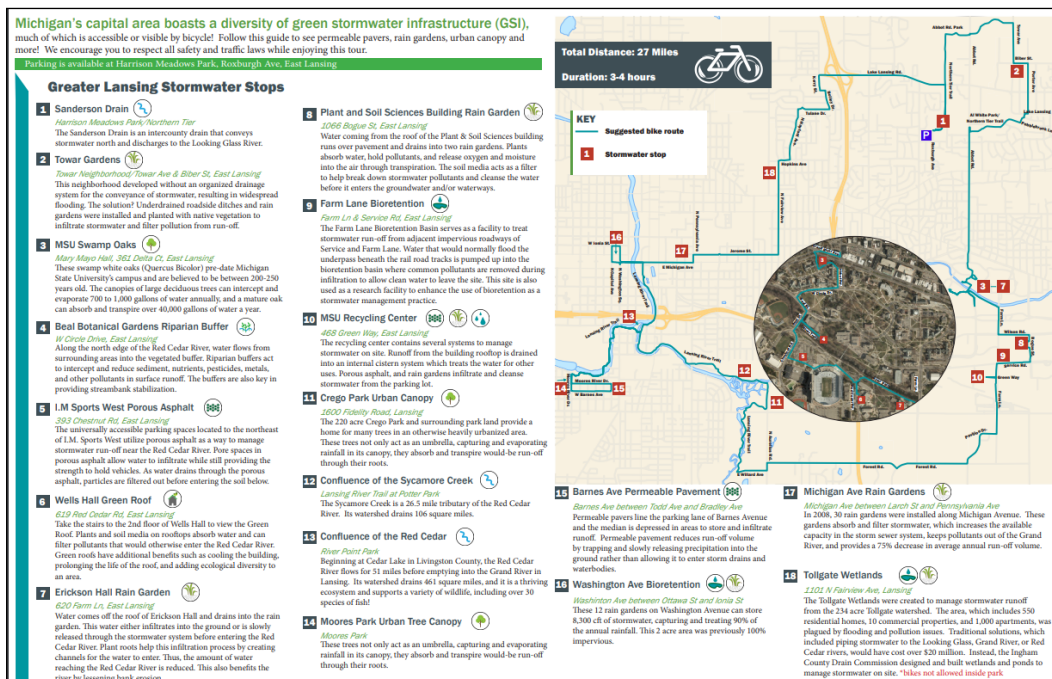
Dog Waste Bag Dispensers -- In 2017 the GLRC began distributing branded dog waste bag dispensers with the tagline "In The Bag, Not The River" to meet pet waste education requirements. To receive one at events, attendees must sign a pledge to pick up after their pets. The pledge form also gives them the option to sign up for the GLRC newsletter. Since 2017, 1075 have been distributed by the GLRC Coordinator.

Dog Park Map and Pledge: In 2017, the GLRC developed a map of local dog friendly parks that



includes information on pet waste's impact on our water resources. These were hung up at area park and trail head bulletin boards. An additional version was developed for in-person events that included the pledge mentioned above. Signatories received a dog waste bag dispenser and a copy of the dog park map to take home.

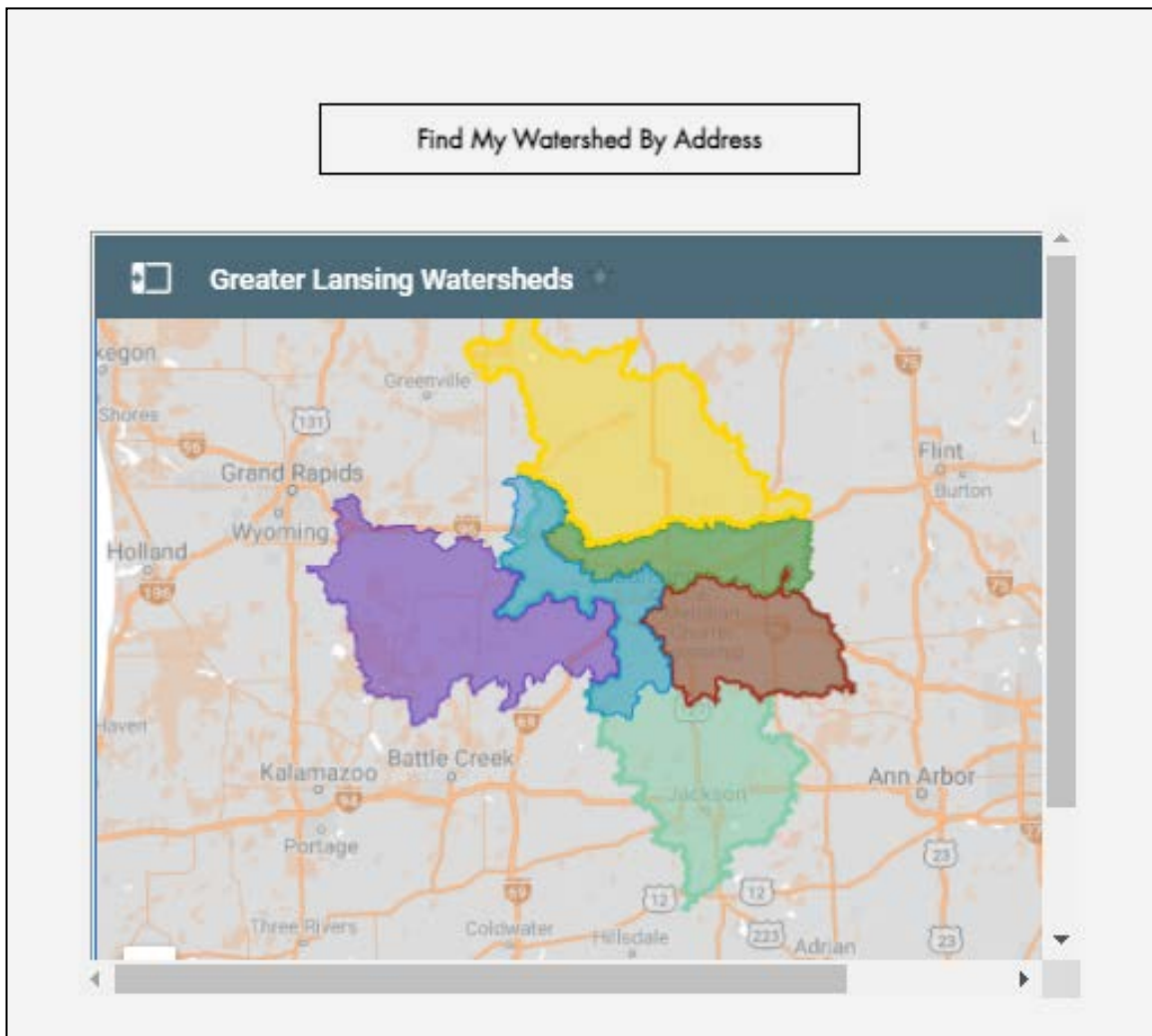
Green Infrastructure Bike Tour – A bicycle tour of area green infrastructure was developed in 2019 to provide users an interactive experience and inspire them to install green infrastructure on their own properties. The bike tour follows area bike trails and includes a printable map as well as a custom Google Map.



Watershed Tattoos – The GLRC added an additional “swag” item to distribute during the permit cycle: a temporary Middle Grand River watershed tattoo. Sized to fit a hand, it creates a geographically accurate depiction of the Middle Grand River watershed overlaid the Michigan “mitten”.



Find My Watershed Tool – In 2019 the GLRC developed a Find My Watershed Tool. Users can plug in their home address and see which watershed they live in and where they live within it. It also provides information about the watershed, links to 319 plans, and contact information for watershed organizations focused on stewardship within its boundaries. Survey results indicate that many residents do not know that they live in a watershed and this tool has made it easier for them to learn about the watershed they call home. This tool was visited 33,638 times since it's publishing.



General Outreach/Education Efforts – The GLRC Coordinator partners with several different groups, agencies, and organizations in the region. Here is a summary of general collaboration and activities related to stormwater and pollution prevention:

- **Red Cedar Awareness** – In response to the discovery that a river-front MSU fraternity was dumping their garbage into the Red Cedar, a group of stakeholders began meeting to explore ways to engage the student and Greek communities as well as apartment complex owners. Part of that effort resulted in a MSU football gameday initiative led by the GLRC, MGROW, and MidMEAC. In fall of 2017, volunteers walked through the tailgate area and gave away swag items in exchange for signing a trash pick-up pledge and distributed refrigerator magnets with pollution prevention information that were purchased by the GLRC.

- East Lansing Dog Swim – Prior to closing the pool at the East Lansing Aquatic Center for the 2017 season, the city opened up the pool for a dog swim. The GLRC Coordinator attended and traded the GLRC's dog waste bags in exchange for signing a pledge to scoop. 57 pledges were signed/bags distributed. Pens and GLRC stickers were also distributed.
- MWEA Watershed Committee – GLRC Coordinator has been attending all MWEA Watershed Committee meetings and provided some support to the group related to the MS4 permit application process. This is a good networking opportunity for the GLRC to share our experiences and learn what others are doing around the state. This group plans the Watershed and Stormwater summits, which the GLRC coordinator has presented at.
- December 2017; 2018; 2019; – Promoted annual MWEA Stormwater Seminar. GLRC Coordinator attended. *The event didn't occur in 2020, and no GLRC Coordinator was in place in December 2016.
- March 2017, March 2018; March 2019; and July 2020* – GLRC display was on exhibit at the MWEA Watershed Summit. *The 2020 event was moved to a digital format due to Covid-19. The GLRC exhibited virtually, giving a brief presentation on the group to the audience.
- March 2018, 2019, February 2019 – Promoted and exhibited at the Quiet Water Symposium. *GLRC Coordinator volunteered at the 2017 QWS, having been hired after the deadline to be able to exhibit.
- November 2018 – donated over 100 brochures, stickers, and bracelets to a local foster care center for children.
- April 2019 – donated 30 Rain Garden Seed Cards to a meeting of the Dimondale garden club.
- April 2019 – Provided letter of support to the Eaton County Conservation District for a Consumers Energy Grant aimed at watershed planning effort.
- May 2019 – donated bracelets, stickers, and brochures to local foster care center for children.
- July 2019 – Donated 35 each of green infrastructure brochures, watershed brochures, bike maps, stickers, and rain garden seed cards for an Allen Neighborhood Center Rain Garden class.

- July 2019 – Provided letter of support and assistance to MidMEAC for Great Lakes Commission Green Infrastructure Mentor Grant. MidMEAC/GLRC was partnered with a peer stormwater group in New York who shared their outreach materials and strategies.
- June 2020 – Provided letter of support for a MSU green infrastructure/stormwater tree grant application.
- The GLRC Coordinator has consistently provided notices to GLRC members regarding anything relevant to the MS4 program including seminars, training, webinars, legislative updates, etc.
- The GLRC continues to promote the Mid-Michigan Environmental Action Council's stream monitoring programs. The GLRC Coordinator also participated in the 2018 volunteer monitoring event. The GLRC reached 96,407 area residents through social media promotion of these events during the reporting period.

Business Outreach: During the reporting period, the GLRC developed a variety of resources for local businesses to help educate them and staff on pollution prevention at their facilities and as part of their operations:

For Business Webpage – In 2020, a For Businesses webpage was developed to house outreach information particular to businesses and industrial facilities and flyers/posters detailing industrial BMPs. It has had 158 views. www.MyWatersheds.org/businesses

Business Mailing – In 2020 the GLRC is developed a mailable poster focused on business and industrial BMPs. This will be mailed to industrial facilities and available online for other businesses.

Business Posters – Ten posters/flyers focusing on business and industrial facilities were produced in 2020 and included on the GLRC For Business webpage. It includes facility management BMPs for salt usage, vehicle cleaning, landscaping, and more. They are designed to be utilized on break room bulletin boards and other public areas.

The GLRC Coordinator presented to a local business fraternal group in 2017 on the GLRC and stormwater management.



Customer Education Collaboration – The GLRC seeks to work with area businesses to educate their customers on stormwater pollution prevention:

- Between 2019 and 2021, the GLRC worked with the Capital Area Humane Society to provide 750 dog waste bag dispensers and pet waste brochures to be included in the adoption packets for new pet owners. These materials highlight the importance of picking up pet waste while providing them the tool needed to start good dog ownership habits. This relationship will continue.
- In 2019, the GLRC met with Scoops Co, a dog waste pick-up service, to discuss collaboration to educate residents on the importance of picking up pet waste. 500 pet waste tri-fold brochures were given for inclusion in their marketing materials. This assisted the GLRC in spreading our message, and helps the businesses promote a new angle – water quality – as a benefit of their services. Scoops Co and two competing companies are listed as resources on the GLRC website to make residents aware of these services which are particularly beneficial to pet owners that are elderly and or with limited mobility.
- In 2018, the GLRC provided 500 “MyWatersheds.org” stickers to Rivertown Adventures to distribute to their paddle-craft rental customers. These stickers feature paddles over an image of the State of Michigan, with text promoting the MyWatersheds.org website.
- In 2018, the GLRC Coordinator distributed GLRC stickers and MGROW membership brochures to Moosejaw, a local outdoor outfitter, to make available at the counter

for their customers. This encourages awareness of the GLRC and encourages residents joining local watershed organizations, one of the “top ten tips” the GLRC promotes for stormwater stewardship.

- In summer of 2018, the GLRC Coordinator outreached to multiple commercial car wash operations in the Lansing area and shared digital copies of the GLRC car washing brochure. The intent is to help them sell their services with a new, untapped angle; that they are the environmentally friendly alternative to at home driveway washing.

3.2 IDEP Committee/Post-Construction Committee

*Beginning in 2020, the GLRC reconvened the Post-Construction subcommittee and combined it with the IDEP subcommittee. The Committee met multiple times to focus on the challenges facing Post-Construction implementation.

All GLRC members are well into implementation of their individual IDEP programs. The GLRC Coordinator continues to work with regional partners on watershed protection efforts focused on pollution prevention and Illicit Discharge Elimination.

As referenced above, the GLRC developed a reporting page on MyWatersheds.org to more easily advertise the contact information for reporting illicit discharges to member communities. MyWatersheds.org/REPORT is easy to remember and promote. A Septic Smart webpage was also developed to educate residents on reducing illicit connections to the storm sewer. But the primary focus of this committee has been staff training.

Committee Activities:

IDEP IN-FIELD TRAINING- GLRC training on July 27, 2016 ***Appendix E***

IDEP Training Video –

Group Training: The GLRC hosts training video viewings for members and their staff. During the reporting period, two training dates were held: May 8th 2018 and May 10th 2018. Sign-in sheets from these events are located in Appendix B and at the link here.



Appendix B.pdf

*A group viewing was planned for 2020 but was cancelled due to Covid-19 restrictions. To make videos available, the GLRC recorded a viewing on Zoom and shared the link with members for

virtual trainings. Some members notified the GLRC Coordinator of when they viewed. That information follows:

- East Lansing, Steven Roach, August 4th.
- Eaton County, Ruthann Clarke, August 25th

Individual Member Training: GLRC Members borrow the video to conduct their own training as described below:

Name	Community	Date Provided	Date Returned
Kyle Scripter	Waverly	3/16/2017	4/27/2018
Phil Hanses	Clinton County Drain Comm.	6/8/2017	9/14/2017
Alec Malvetis	City of Lansing	2/29/2018	4/12/2018
Dave Gutches	City of Grand Ledge	8/20/2018	9/13/2018
Jeff Rewerts	City of Mason	9/28/2018	10/19/2018
Dan Armentrout	Clinton County Road Comm.	10/23/2018	11/6/2018
Brad Beck	Lansing Township	4/11/2019	8/9/2019
Kattie White	Lansing Schools	8/9/2019	8/13/2019
Kyle Scripter	Waverly	8/13/2019	9/5/2019
Phil Hanses/Dan Armentrout	Clinton County Drain/Road	9/5/2019	12/3/2019

The City of Mason had an in-house stormwater training with DPW employees on October 8th and 9th, 2018. **Appendix F**

The GLRC has also hosted field trainings for outfall screening. Sign-in sheets for the event during this reporting period are located in Appendix C or the link here.



Appendix C.pdf

3.3 TMDL Committee

The TMDL Committee provides a forum for discussing TMDL implementation. In summer of 2020, the committee developed a Quality Assurance Project Plan (QAPP) to standardize sample collection and guide field operations related to wet weather monitoring. Members have individual TMDL implementation plans but utilize the QAPP to inform project managers and field staff of laboratory requirements and options for analysis.

4.0 Other GLRC Activities

Good Housekeeping Training -

Group Training: The GLRC hosts training video viewings for members and their staff. During the reporting period, two training dates were held: May 8th 2018 and May 10th 2018. Sign-in sheets from these events are located in Appendix B or the link here:



Appendix B.pdf

Individual Member Training: GLRC Members borrow the video to conduct their own training as described below:

Name	Community	Date Provided	Date Returned
Kyle Scriptor	Waverly	3/16/2017	4/27/2018
Phil Hanses	Clinton County Drain Comm.	6/8/2017	9/14/2017
Alec Malvetis	City of Lansing	2/29/2018	4/12/2018
Dave Gutchess	City of Grand Ledge	8/20/2018	9/13/2018
Jeff Rewerts	City of Mason	9/28/2018	10/19/2018
Dan Armentrout	Clinton County Road Comm.	10/23/2018	11/6/2018
Brad Beck	Lansing Township	4/11/2019	8/9/2019
Kattie White	Lansing Schools	8/9/2019	8/13/2019
Kyle Scriptor	Waverly	8/13/2019	9/5/2019
Phil Hanses/Dan Armentrout	Clinton County Drain/Road	9/5/2019	12/3/2019

GLRC Stormwater Seminar – In June 2018, the GLRC held an educational seminar for members to learn about a variety of topics, including stormwater utilities, impervious surface mapping, GSI site plan reviews, and NJDEP performance standards. Thirty-five people attended. A second GLRC Seminar was planned for 2020 but was postponed due to Covid-19. The event flyer and attendance are located in Appendix D and at the link here:



Appendix D.pdf

EGLE Industrial Stormwater Operator Training – The GLRC planned to host EGLE for an Industrial Stormwater Operator Training in 2020. It was postponed due to Covid-19 restrictions. EGLE offered options for license applications and renewals online. Sam Bibler renewed his license in 2020 and Jeff Rewerts obtained his license in January 2020.

Ingham County Surface Water Program -- The Ingham County Health Department regularly tests sites for *E.coli* and have done so through this program for 15 years. Several Ingham County based GLRC members support this effort and in 2021 applied for a grant to expand the program to different sites and explore feasibility of similar programs throughout the Middle Grand River watershed. If funded this grant would also support the development of a water quality

database to house current and historical sampling results and educate the public about the E. coli TMDL.

The City of Mason has been and continues to be a part of the Ingham County Surface Water Program.

Recreation Efforts

The GLRC promotes partner efforts and recreational events through the website and social media, like paddling expeditions and races and other opportunities for residents to connect to our watershed and water resources. The GLRC understands that residents will be more likely to adopt pollution prevention strategies if they use and love the resources those actions would protect.

Green Infrastructure Code Audit – The GLRC Coordinator worked with Meridian Township to audit their codes and ordinances for barriers to green infrastructure implementation. In 2020, the Committee agreed to reconvene the GLRC Ordinance Committee to develop a GSI Ordinance Manual for area communities interested in similar audit exercises. The document will provide model ordinances and language to standardize and improve the region’s landscape and surfacing requirements in a way that promotes the use of green infrastructure. This effort will develop in 2021. GSI Code Audits at other GLRC members will resume after the manual is complete.

Coal Tar Seal Coat – The GLRC also tasked the Ordinance Committee with assisting area communities in the development of coal tar seal coat bans. The Committee will work to develop a resource guide and model ordinances/programs in an effort to standardize the region’s approach to these contaminants.

2016

Name	Community	Date Provided	Date Returned	Event	Display Used	Attendance
Allen Byrant	Delhi Township	Friday, May 6, 2016	Wednesday, May 11, 2016	WWTP Open House	3 Panel	
Erin Campbell	GLRC	Saturday, May 14, 2016		Adopt A River	3 Panel	300
Erin Campbell	GLRC	Thursday, May 26, 2016		SCCMUA Open House	3 Panel	
Sam Shultz	Lansing Township	Monday, June 13, 2016	Tuesday, June 21, 2016	Township Lobby	3 Panel	
Walt Kulasa	Delta Township	Thursday, July 14, 2016	Wednesday, July 27, 2016	Delta Twp Library	3 Panel	
Ken Baker	City of Mason	Thursday, October 6, 2016	Tuesday, October 11, 2016	Community Open House	3 Panel	
Meredith Baker	City of Grand Ledge	Friday, October 14, 2016	Monday, October 17, 2016	Color Tour	3 Panel	
Bob Scheuerman	City of East Lansing	Tuesday, October 18, 2016	Monday, October 31, 2016	Hannah, City Hall, Library	3 Panel	

2017

Name	Community	Date Provided	Date Returned	Event	Display Used	Attendance
Sam Bibler	City of Mason	Friday, January 6, 2017	Monday, January 16, 2017	Mason City Hall Admin	3 Panel	
Rod Taylor	Dewitt Township	Thursday, April 13, 2017	Friday, April 14, 2017	Community Showcase	3 Panel	
Allen Bryant	Delhi Township	Monday, April 17, 2017		Vegetable Garden Seminar	3 Panel	
Allen Bryant	Delhi Township	Saturday, May 6, 2017	Saturday, May 13, 2017	Delhi Reuse Rally	3 Panel	
Cliff/Allen	GLRC	Saturday, May 13, 2017		Adopt-a-River	3 Panel	500
Younes	Meridian	Wednesday, June 8, 2016	Wednesday, June 14, 2017	Lake Lansing Special Assessment District Advisory committee	3 Panel	50
Jennifer B	Delta Library	Saturday, June 24, 2017	Wednesday, July 5, 2017	Delta Library	3 Panel	
Cliff	East Lansing	Saturday, September 9, 2017		Aquatic Center Dog Swim	3 Panel	297 dogs (1-4 people per)
Jeff Rewerts	City of Mason	Friday, October 6, 2017	Monday, October 9, 2017	Fire Station Open House	3 Panel	600
Cliff Walls	GLRC/East Lansing	Wednesday, November 15, 2017		PineCrest STEAM night	Enviroscares	150
Bob Scheuerman	East Lansing	Thursday, November 30, 2017	Tuesday, January 16, 2018	Displayed in Hannah Center Lobby	Scroll	

2018

Name	Community	Date Provided	Date Returned	Event	Display Used	Attendance
Kattie White	Lansing Schools	Friday, February 9, 2018	Friday, March 2, 2018	Community Showcase	Scroll, Enviroscares	3000
Cliff Walls	GLRC	Saturday, March 3, 2018		Quiet Water Symposium	Scroll, 3 panel	3,000
Cliff Walls	GLRC/East Lansing	Tuesday, March 13, 2018		Pinecrest Elementary Science Fair	Scroll, Enviroscares	100
Younes Ishraidi	Meridian	Friday, March 15, 2019	April 11th, 2018	Meridian Twp Hall	Scroll	
Cliff Walls	GLRC	Wednesday, March 28, 2018		MWEA Watershed Summit	3 panel	100
Cliff Walls	GLRC	Saturday, April 7, 2018		MSU Science Festival	3 panel, Enviroscares	7000
Dan Coss/Julie Coleman	City of DeWitt/DeWitt Township	Thursday, April 12, 2018		Dewitt Showcase	Scroll	
Cliff Walls	GLRC/East Lansing	Saturday, April 21, 2018		MSU Big Green Gig	Scroll	300
Dan Coss	City of DeWitt	Friday, April 13, 2018	April 20th, 2018	City Hall Lobby	Scroll	
Julie Coleman	DeWitt Township	Friday, April 20, 2018	April 30th, 2018	Township Hall Lobby	Scroll	
Dan Coss	City of DeWitt	Monday, April 30, 2018	May 8th, 2018	City Hall Lobby	Scroll	
Cliff Walls	GLRC	Saturday, May 12, 2018		Adopt a River	Scroll, Enviroscares	300
Cliff Walls	GLRC	Saturday, May 19, 2018		ICD Rain Barrel Workshop	Scroll	25
Younes Ishraidi	Meridian Township	Tuesday, June 12, 2018	Tuesday, June 12, 2018	Lake Lansing Special Assessment Meeting	Scroll	60
Cliff Walls	GLRC	Thursday, June 14, 2018	June 14th 2018	GLRC Stormwater Seminar	lea	36
Cliff Walls	MSU/GLRC	Wednesday, June 27, 2018		Grandparents University	Scroll	50
Sam Shultz	Lansing Twp	Thursday, July 26, 2018	September 6th 2018	Township Hall Lobby	Scroll	
Phil Hanses	Clinton Drain	Thursday, September 6, 2018	September 20th, 2018	Drain Office Lobby	Scroll	
Dan Armentrout	Clinton Drain*	Thursday, September 20, 2018	October 2nd, 2018	Road Commission Office	Scroll	
Dave Gutches	Grand Ledge	Friday, September 28, 2018	December 3rd, 2018	Lobby	Scroll	
Ernie West	Delta Township	Wednesday, October 3, 2018	Monday, October 22, 2018	Trick or Treat Trail/Lobby	Scroll	
Cliff Walls	GLRC/EL	Thursday, November 15, 2018		Pinecrest STEAM Night	Scroll, EGLE Flood Exhibit	150-175
Alec Malvetis	City of Lansing	Tuesday, December 4, 2018	Friday, January 18, 2019	Lobby	Scroll	
Jeff Rewerts	City of Mason	In 2018 we purchased our own display and used it at the City's open house in October 2018			Scroll, own displays and giveaways	≈600

2019

Name	Community	Date Provided	Date Returned	Event	Display Used	Attendance
Alex Malvetis	Lansing	Tuesday, December 4, 2018	Friday, January 18, 2019	Lobby	Scroll	
Kattie White	Lansing Schools	Friday, January 18, 2019	Wednesday, February 27, 2019	Showcase Night then Lobby	Scroll, Enviroscares	3000
Cliff Walls/Ruth	GLRC	Sunday, March 3, 2019		Quiet Water Symposium	Scroll, 3 panel	3000
Cliff Walls	GLRC	Wednesday, March 6, 2019		Pinecrest Elementary Science Fair	Scroll, EGLE Floodplain Exhibit	100
Andrew Dymczyk	DeWitt Township	Tuesday, March 5, 2019	Thursday, March 21, 2019	Lobby	Scroll	
Andrew Dymczyk/Dan Coss	Dewitt Twp/City	Wednesday, March 20, 2019		DeWitt Community Showcase	Scroll	
Dan Coss	Dewitt City	Thursday, March 21, 2019	Thursday, May 2, 2019	Lobby	Scroll	
Cliff Walls	GLRC	Monday, March 25, 2019		MGROW Annual Meeting	Scroll	65
Cliff Walls	GLRC	Wednesday, March 27, 2019		MWEA Watershed Summit	Scroll, 3 panel	100
Cliff Walls	GLRC	Wednesday, April 3, 2019		MSU Science Festival	Scroll, 3 panel	7000
Dave Gutches	Grand Ledge	Friday, April 26, 2019		Career Quest Fair, Lansing Center	Scroll , Enviroscares	
Brad Beck	Lansing Township	Thursday, May 2, 2019	Friday, May 31, 2019	Lobby	Scroll	
Cliff Walls	Adopt a River	Saturday, May 11, 2019		Adopt a River Environmental Expo	Scroll, 3panel	300
Ernie West	Delta Township	Friday, May 31, 2019	Monday, July 1, 2019	Lobby	Scroll	
Cliff Walls	GLRC	Saturday, June 8, 2019		Crandell Lake Water Fest	Scroll, Enviroscares	300
Allen Bryant	Delhi	Wednesday, August 14, 2019		Holt Fest	3-panel	
Eric Deibel	Eaton County Drain	Saturday, July 27, 2019	Monday, August 12, 2019	Lobby	Scroll	
Kyle Scriptor	Waverly Schools	Monday, August 12, 2019		Lobby	Scroll	
Phil Hanses	Clinton County Drain	Thursday, September 5, 2019	Wednesday, September 18, 2019	Lobby	Scroll	
Dan Armentrout	Clinton County Road	Wednesday, September 18, 2019	Friday, October 11, 2019	Lobby	Scroll	
Ernie West	Delta Township	Tuesday, October 8, 2019		Trick or Treat Trail	Scroll	1000
Dave Gutches	Grand Ledge	Wednesday, October 9, 2019	Thursday, December 5, 2019	Color Tour (10/11) and Lobby	Scroll	
Cliff Walls	GLRC	Tuesday, November 12, 2019		Pinecrest STEAM Night	Scroll	150-175
Alex Malvetis	Lansing	Monday, December 16, 2019	Monday, February 3, 2020	Lobby	Scroll	
Jeff Rewerts	City of Mason	In 2018 we purchased our own display and used it at the City's open house in October 2019			Scroll, own displays and giveaways	~600

2020

Name	Community	Date Provided	Date Returned	Event	Display Used	Attendance
Kattie White	LSD	Monday, February 3, 2020	Friday, February 28, 2020	Lobby and Schools Showcase	Scroll, Enviroscares	3000
Cliff Walls	GLRC	Saturday, February 29, 2020		Quiet Adventures Symposium	Scroll, 3 panel	3500
*Covid-19 halted display use						

Signature(s) below are acknowledgment that on (date) 5-8-18,
these individuals participated in a training session at the:

Location Name: Tri-County Regional Planning Commission

Address: 3135 Pine Tree Street 2C Lansing MI 48911

Given by: (trainer's name) Cliff Walls

(title) GLRC Coordinator

This training session presented information on illicit discharge detection and elimination.
During this session, the individuals listed below viewed the training video:

RAINcheck: STORMWATER POLLUTION PREVENTION FOR MS4s

IDDE: a grate concern

The participants' signatures below affirm they were given adequate time to ask questions about
their particular job activities and how they could best conduct these activities.

Please read the above paragraph before signing below.

PRINT NAME HERE

SIGNATURE HERE

JOHNATHAN G. STORCZYNSKI

[Signature]

John Moody
Michael Stone

[Signature]
[Signature]

JEFFREY D. JAKWAY

[Signature]

Andy Beale

[Signature]

Michael Hergert

[Signature]

Michael Prater

[Signature]

Dennis M. Louney

[Signature]

David Gutchess

Isaac Weeks

Joseph Ward

Joe Gomez

Scott Richey

Randy Daniels

Trevor Hull

Mike Conlin

Austin Davis

Ryan Kraft

Duane Gardner

Kattie White

Cliff Walls

Paul Pratt

Emily Short

Spicer

Randy Daniels

Trevor Hull

Mike Conlin

Austin Davis

Ryan Kraft

Duane Gardner

Kattie White

Also in attendance: Cliff Walls-GLRC
Paul Pratt-ICDC
Emily Short- Spicer/ICDC

Delta Township

Johnathon G Stopczynski

Grand Ledge

David Gutchess

Isaac Weeks

DeWitt Charter Township

Joseph Ward

Joe Gomez

Jeffery D Jakeway

Michael Stone

Ingham County

Drain Commission

Randy Daniels

Trevor Hull

Mike Conlin

Scott Richey

Paul Pratt

City of Mason

Michael Herseny

Michael Prater

Lansing School District

Kattie White

Duane Gardner

Ryan Kraft

City of DeWitt

Austin Davis

Andy Beagle



**GREATER LANSING REGIONAL COMMITTEE ON
For STORMWATER MANAGEMENT**

Dry Weather Screening Training

DATE: 7-24-18

ATTENDANCE SHEET

Name	Representing
JEFF JANEWAY	DEWITT CHARTER TOWNSHIP
Dan Morad	Clinton Co Drain
David Seeger	Clinton Co. Drain Commission
David Liviske	Meridian Twp
Younus Fshaidi	Meridian Twp
John Moody	Dewitt Charter twp
Joe Gomez	Dewitt Charter
M. Chael Stone	Dewitt Township
Joe Ward	Dewitt township
David Gutches	City of Grand Ledge
Isaac Weeks	City of Grand Ledge
Steven Reach	City of East Lansing
ADEN DUONG	CITY OF EAST LANSING
Jeff Ravets	City of Mason
Michael Hershey	CITY OF MASON
Joey Hillman	Village of Dimondale
James Gallagher	Village of Dimondale
RUTH KLINE-ROACH	MSU
BRIAN BASTIAN	CITY OF LANSING
Sam Schultz	Lansing Twp
Maynard Brown Jr	CITY OF LANSING
Aleasha Smith	Lansing School Dist.
Duane Gardner	Lansing School / Sodexo
WADE SCHRAUBEN	LANSING SCHOOLS / SODEXO
Malcolm	LSD / SODEXO
Alec Malvetis	City of Lansing
Marc Jones	City of Lansing
JESSICA LARKIN	Eaton Co. DRAIN

[illegible]

GREATER LANSING REGIONAL COMMITTEE FOR STORMWATER MANAGEMENT

STORMWATER SEMINAR

Appendix D

6-14-18

ATTENDANCE SHEET

Name	Representing
Matt Comban	Parr Eng
Wayter Kulase	DELTA TRUP
Bob Schaefferman	E. Lansing
Chris Jones	Parr Engineering
STEVE KLEIN	BARR ENGINEERING CO
Randy Schoter	Ingham County Board of Comm
Alec Malvetis	City of Lansing
David Hibbs	Barr Engineering Co.
DEAN JOHNSON	CITY LANSING
DAN CHRISTIAN	TETRA TECH
ANGIE COSMAN	ICDC
Cathy Deshambo	DPLW East Lansing
Mackenzie Foss	DPLW East Lansing
Christe Alwin	MDEQ
Hailey Olson	Malamaizo Nature Center
Ernie West	Delta Trup
Jeff Rowerte	Mason
Michael Hershey	city of mason
Ken Baker	City of Mason
ANDY KILPATRICK	CITY OF LANSING
Phil Hanses	Clinton County
Nicole McPherson	City of East Lansing.
Steven Rauch	City of East Lansing
Ryan Kraft	Sodexo - Lansing Schools
Diane Gardner	Sodexo - Lansing Schools
Ruth P. Paback	MDH

[illegible]

GREATER LANSING REGIONAL COMMITTEE



IDEP IN-FIELD TRAINING

DATE:

7/27/16

ATTENDANCE SHEET

Name	Representing
Allen Bryant	Delta Charter Township
Alec Malvetis	City of Lansing
Valerie Novaes	Tetra Tech.
Mike Prater	City of Mason
Jeff Rewerts	City of Mason
Chris Davis	City of Dewitt
Ricky Wray	City of Dewitt
Robert MacKenzie	Meridian Township
Christie Alwin	DEQ
Kevin Victorino	Ingham County Drain office
Clarence Schertzing	Ingham County Drain Commission
Mike Conlin	Ingham County Drain Commission
Nick Patock	Ingham County Drain Commission
Bill Brunner	City of Lansing
Travis Rufus	Eng.
MARY LINDSEY-FRARY	MSU
ERIN Campbell	GLRC
Steven Roach	City of East Lansing
DAN ARMENTROUT	Clinton Co. RD. Comm.
Kenneth Herman	Delta Charter Township
Walter Kulasa	DELTA TWP.
Kevin Kalmbach	Eaton County Drain
Scott Stopyak	Eaton County GIS
David Liviskie	Meridian Township
Brian Zuber	DEQ

RAINcheck

STORMWATER POLLUTION PREVENTION FOR MS4s

Acknowledgment of Training

(This top section should be filled in by the trainer)

Signature(s) below are acknowledgment that on (date) October 8th 2018,
these individuals participated in a training session at the:

Location Name: City Hall

Address: 201 W. Ash St. Macon MS 48854

Given by: (trainer's name) Jeff Reynolds

(title) POTW/MS4 operator

This training session presented information on stormwater pollution prevention for MS4s.
During this session, the individuals listed below viewed the training video:

RAINcheck: STORMWATER POLLUTION PREVENTION FOR MS4s

The participants' signatures below affirm they were given adequate time to ask questions about
their particular job activities and how they could best conduct these activities.

Please read the above paragraph before signing below.

PRINT NAME HERE

SIGNATURE HERE

Kenneth J. Baker

Paul Rick Hicks

Chris Hampton

Scott Foote

Jason DePew

Matt Johnson

Dillon Allen

Tom Yeider

Eric Ream

Brian Ginnell

Levi Rize

Kirk Crawford

Charles Goethe

Kenneth J. Baker

Paul Rick Hicks

Chris Hampton

Scott Foote

Jason DePew

Matt Johnson

Dillon Allen

Tom Yeider

Eric Ream

Brian Ginnell

Levi Rize

IDDE

a grate concern

Acknowledgment of Training

(This top section should be filled in by the trainer)

Signature(s) below are acknowledgment that on (date) October 8th 2018,
these individuals participated in a training session at the:

Location Name: Mason City Hall

Address: 201 W. Ash St. Mason MI 48854

Given by: (trainer's name) Jeff Rewerts

(title) POTW/mst operator

This training session presented information on illicit discharge detection and elimination.
During this session, the individuals listed below viewed the training video:

IDDE: a grate concern

The participants' signatures below affirm they were given adequate time to ask questions about
their particular job activities and how they could best conduct these activities.

Please read the above paragraph before signing below.

PRINT NAME HERE

SIGNATURE HERE

Kenneth J. Baker
Patrick Hicks
Chris Hampton
Scott Foote
Jason DePew
Matt Johnson
Levi Rice
Ben Correll
Eric Ream
Tom Yeider
Dillon Allen
Kirk Crawford
Charles Goehke

[Signature]
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[Signature]
[Signature]
[Signature]
[Signature]
[Signature]
[Signature]
[Signature]

IDDE

a grate concern

Acknowledgment of Training

(This top section should be filled in by the trainer)

Signature(s) below are acknowledgment that on (date) October 9, 2018,
these individuals participated in a training session at the:

Location Name: Mason WWTP

Address: 345 N. Jefferson St Mason MI 48854

Given by: (trainer's name) Jeff Reverts

(title) POTW/MS4 operator

This training session presented information on illicit discharge detection and elimination.
During this session, the individuals listed below viewed the training video:

IDDE: a grate concern

The participants' signatures below affirm they were given adequate time to ask questions about
their particular job activities and how they could best conduct these activities.

Please read the above paragraph before signing below.

PRINT NAME HERE

William Potter
Dennis Motes
Scott Harrison
David Sullen

SIGNATURE HERE

William Potter
Dennis Motes
Scott Harrison
David Sullen

RAINcheck

STORMWATER POLLUTION PREVENTION FOR MS4s

Acknowledgment of Training

(This top section should be filled in by the trainer)

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these individuals participated in a training session at the:

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Address: 345 N. Jefferson St. Mason MI 48854

Given by: (trainer's name) Jeff Riewerts

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their particular job activities and how they could best conduct these activities.

Please read the above paragraph before signing below.

PRINT NAME HERE

SIGNATURE HERE

William Trotter
Dennis Motes
Scott Harrison
David Fuller

William Trotter
Dennis Motes
Scott Harrison
David Fuller