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MS4 Progress Report

version 1.17

(Submission #: HP7-R9HM-Y8S3V, version 1)

Details

Submission ID HP7-R9HM-Y8S3V

Status Submitted

Form Input

Section 1. General Facility Information, Nested MS4 and Outfalls/Points of Discharge

Municipality/Site Name

Charter Township of Lansing

Nested MS4s:

1. Are you carrying out the terms and conditions of the permit for each nested MS4 listed in your permit? Select **NOT APPLICABLE** if you do not nest any regulated MS4s as part of your permit coverage.

Not Applicable - Nested MS4s not included in permit

2. Are you currently a Phase I or Phase II permittee?

Phase II

3. Did you add or remove any nested MS4s during the reporting period that have not been approved? If yes, submit a request for approval to add or remove a nested MS4 in accordance with Part I.A.1.b. of the permit.

NO

New Outfalls and/or Points of Discharge

4. Did you identify, construct, or install any new outfalls or points of discharge that have not been authorized? If yes, submit a request to authorize the discharge of storm water from the new outfall or point of discharge in accordance with Part I.A.2. of the permit as an **Unscheduled Permit Required Report in MiWaters**.

NO

Section 2. Enforcement response Plan (ERP)

Upload referenced documentation identified below and other information relevant to the implementation of your ERP.

[2020 MS4 Permit Appendix C.pdf - 04/12/2021 01:17 PM](#)

Comment

NONE PROVIDED

1. Were there any changes made to the approved ERP during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each ERP measurable goal and/or implement ongoing activities consistent with the measurable goals?

NO

If no, provide an explanation.

N/A. There were no incidents or a need to pursue compliance using the ERP.

3. Provide the reference (paragraph & page) to the document submitted above describing progress made toward implementing the ERP to compel compliance using enforcement actions (e.g. summarize findings from tracking method).

Section 109A-18 Enforcement, found in the ERP listed after Section 22-21 Penalty.

4. Identify the total number of enforcement actions taken during the reporting period (Type 0 if none).

0

5. Will you continue to implement the approved ERP during the next reporting cycle? If you responded "yes with changes" or "no", submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 3. Public Participation/Involvement Program (PPP)

Upload referenced documentation identified below and other information relevant to the PPP

[GLRC Progress Report Template 2020_Lansing Township.docx - 04/12/2021 01:14 PM](#)

Comment

NONE PROVIDED

1. Were there any changes made to the approved PPP during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each PPP measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. Provide the reference to the document submitted above describing progress made toward implementing the PPP and meeting each measurable goal, including a summary of results.

Please see Page 1 of the PEP, Section A - B

4. Will you continue to implement the approved PPP during the next reporting cycle? If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 4. Public Education Program (PEP)

Upload referenced documentation identified below and other information relevant to the PEP.

[GLRC Progress Report Template 2020_Lansing Township.docx - 04/12/2021 01:14 PM](#)

Comment

NONE PROVIDED



1. Were there any changes made to the approved PEP during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each PEP measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. PEP TOPICS

Provide the reference to the document submitted above describing progress made toward implementing the PEP and meeting each measurable goal, including a summary of results. If the PEP topic is not a part of the approved PEP, include  Not Applicable  in the comment box.

PEP Topic 1: Promote public responsibility and stewardship in the applicant's watershed.

See attached GLRC PEP Progress Report Template

PEP Topic 2: Inform and educate the public about the connection of the MS4 to area waterbodies and the potential impacts discharges could have on surface waters of the state.

See attached GLRC PEP Progress Report Template

PEP Topic 3: Educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4.

See attached GLRC PEP Progress Report Template

PEP Topic 4: Promote preferred cleaning materials and procedures for car, pavement, and power washing.

See attached GLRC PEP Progress Report Template

PEP Topic 5: Inform and educate the public on proper application and disposal of pesticides, herbicides, and fertilizers.

See attached GLRC PEP Progress Report Template

PEP Topic 6: Promote proper disposal practices for grass clippings, leaf litter, and animal wastes that may enter into the MS4.

See attached GLRC PEP Progress Report Template

PEP Topic 7: Identify and promote the availability, location, and requirements of facilities for collection or disposal of household hazardous wastes, travel trailer sanitary wastes, chemicals, yard wastes, and motor vehicle fluids.

See attached GLRC PEP Progress Report Template

PEP Topic 8: Inform and educate the public on proper septic system care and maintenance, and how to recognize system failure.

See attached GLRC PEP Progress Report Template

PEP Topic 9: Educate the public on, and promote the benefits of, green infrastructure and Low Impact Development.

See attached GLRC PEP Progress Report Template

PEP Topic 10: Identify and educate commercial, industrial, and institutional entities likely to contribute pollutants to storm water runoff.

See attached GLRC PEP Progress Report Template

Overall PEP

4. Provide the reference to the document submitted above summarizing the evaluation of overall effectiveness of the PEP.

See attached GLRC PEP Progress Report Template

5. Will you continue to implement the approved PEP during the next reporting cycle? If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 5. Illicit Discharge Elimination Program (IDEP)

Upload referenced documentation identified below and other information relevant to the IDEP.

2020 MS4 Permit IDEP.docx - 04/12/2021 02:51 PM

Comment

NONE PROVIDED

1. Were there any changes made to the approved IDEP during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each IDEP measurable goal and/or implement the ongoing activities consistent with the measurable goals?

YES

3. Identify the number of outfalls and points of discharge in your storm sewer system.

3, there is 1 outfall at the Township Offices on the West Side of Lansing and 2 potential outfalls on the East side at Slater Park. 1 is in relation to the fire station and the other is on the north side of Slater Park, both are at where the system would hook to the sewer system by the road.

4. Was dry weather screening (i.e., outfall observation, field screening, and source investigation) performed in accordance with the approved IDEP during the reporting period?

YES

5. How many illicit discharges were detected (Type 0 if none)?

0

6. How many of the illicit discharges led to an enforcement action? (Write 0 if none)

0

7. Was IDEP training provided in accordance with the approved program?

YES

8. Provide the reference to the document submitted above summarizing the evaluation and determination of overall effectiveness of the IDEP.

See Appendix E: Illicit Discharge Elimination Plan. There were no incidents that required the implementation of the ERP during the reporting period. However the Township works with EGLE and stakeholders to report and resolve incidents that occur within the Township. There were 2 incidents in 2020 that occurred at the Eastwood Towne Center that were reported to the Township and we dispatched the Fire Department to contain the spills until the proper remediation crews arrived. The first was a gas spill at Sams Gas Station in the early morning of 7/20/2020 where a fuel truck spilled fuel during the off-loading process. The second incident occurred in late July, approximately 2-weeks after the gas spill. The Fire Department acted quickly in sequestering the oil and monitored it during the cleanup and up to a few weeks after. EGLE was also contacted on both of these incidents early on in the process and was instrumental in assisting in the Township response plan. While neither of these spills were the responsibility of the Township, it was good to know that the protocols that are in place functioned as they were designed to.

9. Will you continue to implement the approved IDEP during the next reporting cycle. If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 6. Construction Storm Water Runoff Control Program

1. Were there any changes made to the approved program during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each program measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. Do you continue to rely on the Part 91 Agency identified in the application (other than yourself) to implement a Soil Erosion and Sedimentation Control Program?

Not Applicable ♦ Permittee is the Part 91 agency

4. Was the Part 91 agency, or appropriate staff if you are the Part 91 agency, notified when the soil or sediment was discharged to your MS4 from a construction activity in accordance with the approved procedure?

Not Applicable ♦ Soil or sediment was not discharged in accordance with the procedure during the reporting period

5. Was the Michigan Department of Environment, Great Lakes, and Energy (EGLE) notified when soil, sediment, or other pollutants were discharged to your MS4 from a construction activity in accordance with the approved procedure?

Not Applicable ♦ Soil or sediment was not discharged in accordance with the procedure during the reporting period

6. Was a Part 91 permit issued for all construction activity one acre or greater in total earth disturbance with the potential to discharge to your MS4?

YES

6a. Were all landowners or recorded easement holders of a property with construction activity one acre or greater in total earth disturbance advised of the State of Michigan Permit by Rule in accordance with the approved procedures?

YES

7. Will you continue to implement the approved program during the next reporting cycle? If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 7. Post-Construction Storm Water Runoff Program (i.e. Post-Construction Control or PCC Program)

Upload referenced documentation identified below and other information relevant to the PCC.

[Post-Const Reso Lansing Twp-1.pdf - 04/12/2021 03:03 PM](#)

Comment

NONE PROVIDED

1. Were there any changes made to the approved PCC Program during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each PCC Program measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. Were the approved post-construction performance standards applied to all projects that disturb at least one or more acres, including projects less than one acre that are part of a larger common plan of development or sale, in accordance with the approved ordinance/regulatory mechanism?

Not Applicable No projects during the reporting period

4. Provide the reference to the document submitted above describing the status and results of implementing the procedure for tracking compliance with entered maintenance agreements or other legal mechanisms.

Resolution 14-23 that I provided is the only document that I have on record for the Township in regards to any Post-Construction activities.

5. Will you continue to implement the approved PCC Program during the next reporting cycle? If you responded "YES with changes" or "NO," submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 8.A. Pollution Prevention and Good Housekeeping Program (P2/GH) - Structural Controls, Standard Operating Procedures, Catch Basin Cleaning, and Street Sweeping

Upload referenced documentation identified below and other information relevant to the P2/GH Program.

[Lansing Township 2020 MS4 Permit Appendix H.pdf - 04/13/2021 10:46 AM](#)

Comment

NONE PROVIDED

1. Were there any changes made to the approved P2/GH Program during the reporting period which have not been reviewed and approved in accordance with the permit language?

NO

2. Did you complete each P2/GH Program measurable goal and/or implement ongoing activities consistent with the measurable goals?

YES

3. Did you update your structural control inventory in accordance with the approved procedure (i.e. additions, deletions, no longer owned or operated)?

YES

4. For each facility with a Standard Operating Procedure (SOP) is the content up-to-date?

YES

4a. Are routine and comprehensive inspections being performed at each facility with an SOP in accordance with the approved schedule?

YES

5. Did you implement the identified BMPs at facilities with medium to low potential to discharge pollutants

Not Applicable Do not own/operate a facility

6. Were any new facilities added during the reporting period that were not reviewed and approved by EGLE? If yes, submit the assessment for approval in accordance with Part I.A.3.g.2. of the permit as an Unscheduled Permit Required Report in MiWaters.

NO

7. Were the inspection, maintenance, and cleaning activities for the following structural controls implemented in accordance with the approved procedure?

Structural Control Type:	Inspection and Maintenance Activities Conducted in accordance with Approved Procedures?	If "NO," provide an explanation:
Detention Basins	YES (Provide date of last inspection/maintenance) Certify date inspection and/or maintenance was last completed? 9/4/2020 - Schultz vacuumed / cleaned all catch basins at Township Offices located at 3209 W. Michigan Ave.	NONE PROVIDED
Oil/Water Separators	N/A: Do not own/operate	NONE PROVIDED
Pump Stations	N/A: Do not own/operate	NONE PROVIDED
Secondary Containment	N/A: Do not own/operate	NONE PROVIDED
Vegetated Swales	N/A: Do not own/operate	NONE PROVIDED
Constructed Wetlands	N/A: Do not own/operate	NONE PROVIDED
Infiltration Basins/Trenches	N/A: Do not own/operate	NONE PROVIDED
Porous Pavement	N/A: Do not own/operate	NONE PROVIDED
Rain Gardens	N/A: Do not own/operate	NONE PROVIDED
Underground Storage Vaults/Tanks	N/A: Do not own/operate	NONE PROVIDED
Other Structural Controls (add rows as needed). Specify control type in explanation.	N/A: Do not own/operate	NONE PROVIDED

8. Provide the reference to the document submitted above demonstrating implementation of the procedure for inspecting, cleaning, and maintaining catch basins to ensure proper performance.

See Section 2.4 Drainage System Maintenance SOP found in Appendix H, as submitted above.

9. Provide the reference to the document submitted above demonstrating implementation of the approved procedure for sweeping streets, parking lots, and other impervious surfaces.

See Section 2.10 Parking Lot Maintenance SOP found in Appendix H, as submitted above.

Section 8.B. P2/GH - Operation and Maintenance Activities and Employee Training

Upload referenced documentation identified below and other information relevant to BMPs or employee training.

[Lansing Township 2020 MS4 Permit Appendix H.pdf - 04/13/2021 11:09 AM](#)

Comment

NONE PROVIDED

1. Are you implementing BMPs in accordance with your approved procedures to prevent or reduce pollutant runoff from the following operations and maintenance activities?

Activity:	BMPs Implemented?	Provide the reference to the document submitted above describing the BMPs implemented or an explanation of why BMPs were not implemented:
Road, Parking Lot, and Sidewalk Maintenance (e.g. pothole, sidewalk, and curb and gutter repair)	YES	See Section 2.10 Parking Lot Maintenance SOP and Section 2.12 Road and Street Maintenance SOP, found in Appendix H, as submitted above.
Bridge Maintenance	N/A	NONE PROVIDED
Right-of-Way Maintenance	N/A	NONE PROVIDED
Unpaved Road Maintenance	N/A	NONE PROVIDED
Cold Weather Operations (e.g. plowing, sanding, application of deicing agents, and snow pile disposal)	YES	See Section 2.13 Salt Application and Storage SOP, found in Appendix H, as submitted above.
Maintenance of permittee-owned vehicles (e.g. police, fire, school bus, public works), including certifying that no vehicles are washed with a discharge to the regulated MS4.	YES	See Section 2.2 Vehicle and Equipment Fueling SOP, Section 2.3 Vehicle and Equipment Cleaning SOP, and Section 2.4 Vehicle and Equipment Repair SOP, found in Appendix H, as submitted above.

2. Were all new permittee-owned and operated facilities or new structural stormwater controls for water quantity designed and implemented in accordance with the PCC performance standards and long-term operation and maintenance requirements?

Not Applicable No new water quantity facilities or structural stormwater controls during the reporting period

3. Was P2/GH training provided in accordance with the approved program?

YES

3a. If yes, provide the reference to the training records in the document submitted above or in Section 8a.

Yes

4. Is your pesticide applicator certified by the State of Michigan?

YES

5. Was contractor oversight provided to ensure contractors hired by the permittee comply with P2/GH BMPs when performing O&M activities?

YES

6. Will you continue to implement the approved P2/GH Program during the next reporting cycle? If you responded YES with changes or NO, submit the SWMP modification request information as required by Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Section 9. Total Maximum Daily Load (TMDL) Implementation Plan

Upload referenced documentation identified below and other information relevant to the TMDL Implementation Plan.

[Lansing Township TMDL Implementation Plan 4-14-2021.pdf - 04/14/2021 04:20 PM](#)

Comment

NONE PROVIDED

1. Is there a TMDL applicable to the discharge from your MS4 identified in your permit?

YES

2. List the TMDLs in your permit.

Catch Basin #4 at the Township Offices and Catch Basins #5 (Station 52 PK LOT) and #9 in Slater Park in the lawn.

3. Were the prioritized BMPs implemented as per the approved TMDL Implementation Plan?

YES

4. Provide the reference to the summary of any monitoring results including outfall monitoring, in-stream monitoring, or modeling in the document submitted above.

We did not monitor last year due to Covid. We will implement the TMDL testing this year again.

5. Provide the reference to the document submitted above with the assessment of progress made toward achieving the TMDL pollutant load reduction requirements.

See the Lansing Township TMDL Implementation Plan 4-14-2021.pdf submitted above.

6. Will you continue to implement the approved TMDL Implementation Plan during the next reporting cycle? If you responded "Yes with changes" or "no", submit the SWMP modification request information as required in Part I.A.4. of the permit as an Unscheduled Permit Required Report in MiWaters.

YES

Additional Information

Comments (As needed)

I added the new Point of Discharges and Catch Basins like we discussed in our Audit in Septemebr Of 2020. I also provided aerial maps and an Excel spreadsheet indicating the location and names of each of them.

Additional Documents (As needed)

[REVISED East Side MS4 Map 4-14-2021.pdf - 04/14/2021 03:43 PM](#)

[Lansing Township Office MS4 Aerial.pdf - 04/14/2021 03:43 PM](#)

[REVISED MS4 Locations Sheet 4-14-2021.pdf - 04/14/2021 03:44 PM](#)

Comment

NONE PROVIDED

Attachments

Date	Attachment Name	Context	User
4/14/2021 4:20 PM	Lansing Township TMDL Implementation Plan 4-14-2021.pdf	Attachment	Brad Beck
4/14/2021 3:44 PM	REVISED MS4 Locations Sheet 4-14-2021.pdf	Attachment	Brad Beck
4/14/2021 3:43 PM	REVISED East Side MS4 Map 4-14-2021.pdf	Attachment	Brad Beck
4/14/2021 3:43 PM	Lansing Township Office MS4 Aerial.pdf	Attachment	Brad Beck
4/13/2021 11:09 AM	Lansing Township 2020 MS4 Permit Appendix H.pdf	Attachment	Brad Beck
4/13/2021 10:46 AM	Lansing Township 2020 MS4 Permit Appendix H.pdf	Attachment	Brad Beck
4/12/2021 3:03 PM	Post-Const Reso Lansing Twp-1.pdf	Attachment	Brad Beck
4/12/2021 2:51 PM	2020 MS4 Permit IDEP.docx	Attachment	Brad Beck
4/12/2021 1:17 PM	2020 MS4 Permit Appendix C.pdf	Attachment	Brad Beck
4/12/2021 1:14 PM	GLRC Progress Report Template 2020_Lansing Township.docx	Attachment	Brad Beck
4/12/2021 1:14 PM	GLRC Progress Report Template 2020_Lansing Township.docx	Attachment	Brad Beck

Status History

	User	Processing Status
4/5/2021 12:03:56 PM	Brad Beck	Draft
4/14/2021 4:36:29 PM	Brad Beck	Signing
4/14/2021 4:36:30 PM	Brad Beck	Submitting
4/14/2021 4:37:17 PM	Brad Beck	Submitted

**Greater Lansing Regional Committee
for Stormwater Management**

**Charter Township of Lansing
Public Education Plan**



REVISED: JULY 2018

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(C) Educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4.	8
(D) Promote preferred cleaning materials and procedures for car, pavement, and power washing.	8
(E) Inform and educate the public on proper application and disposal of pesticides, herbicides, and fertilizers.	8
(F) Promote proper disposal practices for grass clippings, leaf litter, and animal wastes that may enter into the MS4.....	8
(G) Identify and promote the availability, location, and requirements of facilities for collection or disposal of household hazardous waste, travel trailer sanitary wastes, chemicals, yard wastes, and motor vehicle fluids.....	9
(H) Inform and educate the public on proper septic system care and maintenance, and how to recognize system failure.	10
(I) Educate the public on, and promote the benefits of, green infrastructure and Low Impact Development.	10
(J) Identify and educate commercial, industrial, and institutional entities likely to contribute pollutants to stormwater runoff.....	11

INTRODUCTION

The Public Education Plan (PEP) is being prepared for the communities of the Greater Lansing Regional Committee for Stormwater Management (GLRC) to comply with the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Permit requirements. This creates a concise document for members and the PEP Committee to work from throughout the permit cycle (2018-2023).

The original PEP was completed in 2003, updated in 2006, 2010, and 2013, and this current version of the PEP will be submitted to the Michigan Department of Environmental Quality (MDEQ) in the summer of 2018. The PEP was written for all GLRC members to guide the development and implementation of strategies aimed at educating the public on a regional and watershed level. However, each permittee will take their specific watershed and community characteristics into consideration throughout PEP implementation. Where applicable, each member has included their specific individual efforts throughout the PEP.

GLRC members participating in the PEP are as follows:

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

A. PUBLIC PARTICIPATION PROCEDURE – GLRC WEBSITE/SOCIAL MEDIA

As required, permittees commit to keeping their Stormwater Management Plan (SWMP) current and publicly available on their community website. Local public notice requirements will be met as appropriate, and both the SWMP and contact information will be provided to encourage public review. The public will be invited to participate in the implementation and periodic review of the SWMP, which will be accomplished through each community website and the GLRC website. When the progress reports are submitted to MDEQ, they will be posted on the GLRC and community websites. This will update the public and invite them to participate or provide input related to the implementation of the SWMP if they choose to.

In addition, the PEP, progress reports and other appropriate supporting documents will be posted on the GLRC website. The GLRC website serves as one of our strongest tools for information sharing with the public. All GLRC documents (template manuals, progress reports, implementation materials, brochures, quarterly newsletters, annual reports, etc.) are available on the GLRC website. The GLRC maintains a calendar that announces public meeting information, workshops, trainings and events.

The GLRC also recognizes the importance of social media. Our existing Facebook and Twitter accounts help us to reach out to different demographics and reach larger audiences. By purchasing Facebook's

“boosted posts”, the GLRC can geographically target the audiences within the urbanized zone and ensure consistent messaging to the residents of all GLRC jurisdictions. The GLRC will continue to annually support the purchase of paid posts from the GLRC Facebook account and track the results using social media analytics. Social media has proven to be an effective tool for outreach communication, and the responsibility of creating and sharing content related to the Required Topic Areas is the GLRC Coordinator’s, indicated by the “social media” Delivery Mechanism in Section D.

B. EVALUATION AND PRIORITIZATION PROCEDURES

The GLRC conducted a water quality survey of residents during the fall of 2006. The purpose of the survey was to provide a benchmark to gauge the effectiveness of regional and local public outreach campaigns on water quality issues in the Greater Lansing Region. The survey results provided a baseline for evaluating the effectiveness of regional and local water quality initiatives over time. These results have been used by the GLRC and other organizations in the region to prioritize and implement public education programs through the most effective and efficient methods possible.

The 2006 survey results can be found here:

[Greater Lansing Regional Water Quality Survey Findings Report 2006](#)

Since a baseline for evaluating the effectiveness of current (and past) water quality initiatives was completed in 2006, the GLRC committed to conducting the survey again in 2012 to identify successes related to the ongoing public education efforts and areas for improvement. The 2012 survey was conducted in the exact same manner as the 2006 survey; both statistically valid surveys ensure the GLRC is effective and efficient in our public education efforts.

The 2012 survey results can be found here:

[Greater Lansing Regional Water Quality Survey Findings Report 2012 \(with comparison data\)](#)

The GLRC PEP Committee conducted another follow up survey in 2018. The survey was conducted in the same manner as the 2006 and 2012 surveys, and will be used to evaluate successes, challenges and to determine the overall effectiveness of the PEP. The PEP Committee will also explore the following options for assessing PEP effectiveness in the new permit cycle: a duplicate of the previous surveys (conducted either in-house or contracted out); the utilization of an online survey; conducting focus groups; or conducting targeted interviews of individuals in the region. This will be completed by the end of the permit cycle, scheduled for October 2023.

During the Progress Report submittal, general evaluation and effectiveness will be discussed and changes could be made based on initial results, as adaptive management is an important part of public education. Evaluation mechanisms are essential to gauge implementation status and assess the effectiveness of the overall program. Identification of quantifiable measures provides both measurability and accountability within the program.

The PEP Committee meets frequently to discuss progress of ongoing activities, review current priorities, track measurable goals and to explore new educational opportunities based on the survey results. The PEP Committee has completed the prioritization at the GLRC level and categorized topics areas as: high, medium and low. The PEP Committee met and reviewed the survey results in detail to determine the priority topic areas. Many factors were considered in this process including the survey results, available resources, cost effective outreach methods, existing public knowledge levels and collaborating with other programs currently underway. Examples of High priority topics areas are: **B. Inform and educate**

the public about the connection of the MS4 to area watersbodies and potential impacts discharges have on surface waters; C. Educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4; I. Educate the public on, and promote the benefits of, green infrastructures and low impact development. The GLRC will report on the measurable goals achieved during the regular Progress Report submissions.

The GLRC also continues to work with several partners in the larger surrounding area to accomplish a variety of public education efforts. In 2013-2014, the Middle Grand River Organization of Watersheds (MGROW) developed "Pollution Isn't Pretty", a regional public education campaign to provide educational resources for smaller watershed groups (including the GLRC, friends groups, Middle Grand River Watershed Management Planning Project (319) and the Red Cedar River Watershed Management Planning Project (319)). The GLRC continues to utilize Pollution Isn't Pretty materials and work with MGROW, conservation districts, and local watershed groups to develop consistent, meaningful public education messages and delivery mechanisms that will benefit the entire region. This effort has and will continue to incorporate the GLRC survey results and several other survey results in the region. The GLRC is confident that our collaborative and individual PEP accomplishments and efforts will continue to be successful and we will work in the most effective, efficient way possible.

C. REQUIRED TOPIC AREAS

The PEP follows the format recommended by the MDEQ and includes the ten topic areas required in the permit.

An adequate PEP will implement a sufficient amount of educational activities to ensure that the targeted audiences are reached with the appropriate message(s) for the following topics:

- (A) *Promote public responsibility and stewardship in the applicant's watershed(s).*
- (B) *Inform and educate the public about the connection of the MS4 to area watersbodies and the potential impacts discharges could have on surface waters of the state.*
- (C) *Educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4.*
- (D) *Promote preferred cleaning materials and procedures for car, pavement, and power washing.*
- (E) *Inform and educate the public on proper application and disposal of pesticides, herbicides, and fertilizers.*
- (F) *Promote proper disposal practices for grass clippings, leaf litter, and animal wastes that may enter into the MS4.*
- (G) *Identify and promote the availability, location, and requirements of facilities for collection or disposal of household hazardous waste, travel trailer sanitary wastes, chemicals, yard wastes, and motor vehicle fluids.*

- (H) *Inform and educate the public on proper septic system care and maintenance, and how to recognize system failure.*
- (I) *Educate the public on, and promote the benefits of, green infrastructure and Low Impact Development.*
- (J) *Identify and educate commercial, industrial, and institutional entities likely to contribute pollutants to stormwater runoff.*

D. PUBLIC EDUCATION PLAN IMPLEMENTATION

Activities listed here correspond directly with the ten topic areas A - J for compliance. The GLRC action plan, as part of each community’s SWMP details the activities below and includes a schedule and general evaluation mechanisms.

(A) Promote public responsibility and stewardship in the applicant’s watershed(s).

Activity: Continue to maintain watershed signage at road and river crossings.

Corresponding topic area: A

Priority: Medium

Target audience: Public

Key message: Promoting local water resources, connecting the public to their surrounding environment. Signs read “You are in the Grand River, Looking Glass, or Red Cedar River Watershed”.

Delivery mechanism: Passing vehicles, people biking, walking or running will view the signs.

Year and frequency of implementation: The signs were originally posted between 2005 -2006. They will be maintained indefinitely with help from the local Road Commissions and communities.

Responsible party: Charter Township of Lansing

Evaluation: Indicate that the signs are still there in Progress Reports.



Activity: Use “Do you know your watershed?” brochure and update as appropriate. An update occurred in 2018.

Corresponding topic area: B

Priority: Medium

Target audience: Public

Key message: The brochure educates the public about what a watershed is, our local watersheds and general information about watershed protection.

Delivery mechanism: Posted on the GLRC website, handed out at public events, available in community lobbies, available during use of the GLRC display.

Year and frequency of implementation: The brochure will be used at all public events (Adopt A River, Quiet Water Symposium, Michigan Water Environment Association (MWEA) Watershed Summit), update as appropriate.

Responsible party: PEP Committee, GLRC Coordinator and Charter Township of Lansing

Evaluation: Number of brochures provided throughout the year and website link traffic to digital versions.

Activity: Promote the Mid-Michigan Environmental Action Council (Mid-MEAC) volunteer stream monitoring efforts.

Corresponding topic area(s): C, J

Priority: Medium

Target audience: Public – recruiting volunteers for action.

Key message: Promote Mid-MEAC volunteer stream monitoring events that educate the public (volunteers) about macroinvertebrates and why they are an important indicator of water quality. This provides an opportunity to discuss pollutant sources and reporting of illicit discharges and riparian buffer purpose and management.

Delivery mechanism: GLRC Website and social media.

Year and frequency of implementation: Macroinvertebrate collections are done annually in the spring and fall, identification is completed in the fall.

Responsible party: GLRC Coordinator

Evaluation: Website traffic, potential volunteers reached through social media.

Activity: GLRC Educational Display

Corresponding topic area(s): B, C, D, E, F, G, H, I, J (all)

Priority: Medium

Target audience: Public and businesses

Key message: General watershed education; promoting action of the public about what they can do to reduce pollution.

Delivery mechanism: The display is used at the annual Quiet Water Symposium, annual Adopt-A-River event, Michigan Water Environment Association Watershed Summit, and various regional events. Lansing Township uses the display within the Township hall lobby once annually.

Year and frequency of implementation: Continuous use at annual events. Panels were updated in 2014 to relate more specifically to the minimum control measures and target audiences, and an additional scroll style banner was designed in 2018 to be used in members' municipal lobbies, libraries, and public spaces and created to address knowledge gaps identified by the 2012 public survey. Displays will be updated as needed in the future.

Responsible party: GLRC Coordinator, PEP Committee and Lansing Township

Evaluation: Number of events, use in municipal lobbies, event attendance.



Activity: Update basic educational graphic with tag line and GLRC website

Corresponding topic area(s): B, C, D, E, F, G, H, I, J (all)

Priority: Medium

Target audience: Public

Key message: The tag line was updated to read “Pollution Isn’t Pretty” and “We All Live In A Watershed”, demonstrating that what we put on land effects the water. The website is also listed which directs the public to information that covers all topic areas listed in this plan.

Delivery mechanism: Trail signage, brochures, social media, website content, events/lobby displays

Year and frequency of implementation: Ongoing

Responsible party: PEP Committee, GLRC Coordinator, Lansing Township

Evaluation: Website link traffic, social media analytics, brochures handed out at events, event attendance.



Activity: Utilize existing news articles and update them to be more flexible with different media outlets (Twitter, shorter columns, etc.).

Corresponding topic area(s): B, C, D, E, F, G, H, I, J (all)

Priority: Medium

Target audience: Public, elected officials

Key message: Articles cover the following topics:

What is a Watershed?	Pet Waste and the Environment
Wetlands: An Overview	Storm Vs. Sanitary Sewer Systems
Who/What is the GLRC	Responsible Car Washing
Septic System Maintenance	Adopt Your Catch Basin
Safe Fertilizer Use	Illicit Discharge
Vehicle Maintenance	

Delivery mechanism: Articles are posted on the GLRC website, Lansing Township’s website and community newspapers. Similar educational content posted on social media.

Year and frequency of implementation: Continue to maintain articles on the GLRC website. Update/reformatting occurred in 2017. Educational content will be posted monthly on GLRC social media throughout the permit cycle. A posting timeline guide is also used. Lansing Township continues to post quarterly newsletters on its website.

Responsible party: GLRC Coordinator, PEP Committee and Lansing Township

Evaluation: Number of articles (or similar) posted, including the number of residents receiving a publication. The GLRC Coordinator tracks GLRC website and social media analytics

(B) Inform and educate the public about the connection of the MS4 to area waterbodies and the potential impacts discharges could have on surface waters of the state.

Activity: GLRC webpage titled “Stormwater Basics” and “What’s a Watershed?”

Corresponding topic area: A, C

Priority: High

Target audience: Public, elected officials

Key message: This section of the website promotes watershed health information, describes what citizens can do, how our water is impacted, etc.

Delivery mechanism: GLRC website and social media, community website links to the GLRC webpage

Year and frequency of implementation: Continuous presence on the website, update as appropriate.

Responsible party: GLRC Coordinator

Evaluation: Website link traffic, social media analytics

Activity: GLRC quarterly newsletters and annual report

Corresponding topic area(s): A, C, D, E, F, G, H, I, J (all)

Priority: High

Target audience: Public, elected officials

Key message: The newsletters and annual report provide information on specific GLRC activities/events related to the six minimum measures. It also provides information related to relevant partner events and activities. It serves to educate municipal staff, elected officials, and the public.

Delivery mechanism: GLRC website, social media, community lobbies, and website

Year and frequency of implementation: Ongoing, newsletters are completed quarterly, and the annual report is completed after the first of the calendar year.

Responsible party: GLRC Coordinator, Lansing Township website

Evaluation: Website link traffic, number of newsletters/annual reports distributed at events, number of people reached through email.

(C) Educate the public on illicit discharges and promote public reporting of illicit discharges and improper disposal of materials into the MS4.

Activity: Maintain the GLRC and Lansing Township website to include information on illicit discharges and contacts for reporting illicit discharges and acts of pollution.

Corresponding topic area: A

Priority: High

Target audience: Public

Key message: To report illicit discharges (description provided), illegal dumping, etc.

Delivery mechanism: GLRC website and social media, lansingtownship.org

Year and frequency of implementation: Continuous posting on GLRC website and social media and lansingtownship.org website. As needed, the PEP committee will explore different delivery methods (language, etc.) to make this more relatable to the public.

Responsible party: GLRC Coordinator, PEP Committee, Lansing Township

Evaluation: Website link traffic and social media analytics

(D) Promote preferred cleaning materials and procedures for car, pavement, and power washing.

Activity: Series of posters and brochures covering: car washing, pet waste, motor oil and fertilizer reduction.

Corresponding topic area(s): A, B, F, G

Priority: Medium

Target audience: Public

Key message: Posters and brochures describe the impact that bad practices related to car washing, pet waste disposal, motor oil disposal and fertilizer application can have on water quality. They also provide alternatives or best management practices for each of the four topics.

Delivery mechanism: Posters and brochures are available in community lobbies (including Lansing Township), brochures are handed out at public events, etc. Similar information is posted to the GLRC website and GLRC social media.

Year and frequency of implementation: Continuous use at public events (Adopt A River, Quiet Water Symposium, MWEA Watershed Summit, and on website/social media, etc., update as appropriate.

Responsible party: GLRC Coordinator, PEP Committee and Lansing Township.

Evaluation: Number of brochures provided throughout the year, website link traffic, and social media analytics

(E) Inform and educate the public on proper application and disposal of pesticides, herbicides, and fertilizers.

See corresponding topic area G below.

(F) Promote proper disposal practices for grass clippings, leaf litter, and animal wastes that may enter into the MS4.

Activity: Promote existing materials related to grass clippings and leaf litter.

Corresponding topic area(s): A

Priority: Medium

Target audience: Public, small businesses

Key message: Use the best management practices for management of grass clippings and leaf litter.

Delivery mechanism: Promoted through the GLRC educational display. Posted to GLRC social media and website.

Year and frequency of implementation: 2013, continuous

Responsible party: GLRC Coordinator and Lansing Township.

Evaluation: Number of flyers/brochures handed out, website link traffic, social media analytics

Activity: Continue to maintain pet waste reduction watershed signage at parks or designated dog areas and post pet waste reduction information on social media and website

Corresponding topic area(s): A, D

Priority: Medium

Target audience: Public

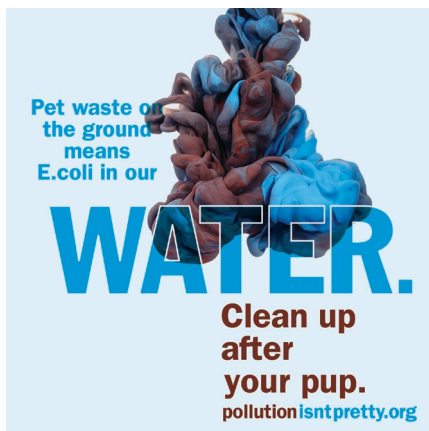
Key message: Promoting pet waste reduction for watershed protection, connecting the public to their surrounding environment.

Delivery mechanism: Passing vehicles, people biking, walking or running, and pet owners will view the signs. Website and social media

Year and frequency of implementation: The signs will be maintained indefinitely with help from the local Road Commissions. Pet waste information will be present on mywatersheds.org indefinitely, with at least two GLRC social media posts per year.

Responsible party: Lansing Township, GLRC Coordinator

Evaluation: Signs posted, maintenance activities, website traffic, social media analytics



(G) Identify and promote the availability, location, and requirements of facilities for collection or disposal of household hazardous waste, travel trailer sanitary wastes, chemicals, yard wastes, and motor vehicle fluids.

Activity: Promote local Household Hazardous Waste Collection and Recycling Events.

Corresponding topic area(s): D, E

Priority: Medium

Target audience: Public, small businesses

Key message: Pollution prevention by using available resources for appropriate disposal of waste.

Delivery mechanism: GLRC website, GLRC social media, Lansing Township website.

Year and frequency of implementation: Continuous, updates as necessary and as events are scheduled.

Responsible party: GLRC coordinator and Lansing Township.

Evaluation: Website link traffic, social media analytics

(H) Inform and educate the public on proper septic system care and maintenance, and how to recognize system failure.

Activity: Promote information on proper septic system care. Post Ingham County's local Point of Sale/Time of Sale septic/well inspection ordinance on GLRC website and on Lansing Township's website.

Corresponding topic area: A

Priority: Low

Target audience: Public

Key message: Maintain your septic system; it could be contaminating local water bodies through stormwater runoff.

Delivery mechanism: GLRC website and social media and Lansing Township's website.

Year and frequency of implementation: Continuous

Responsible party: GLRC coordinator and Lansing Township.

Evaluation: Website link traffic, social media analytics, brochures handed out.

(I) Educate the public on, and promote the benefits of, green infrastructure and Low Impact Development.

Activity: Promote Green Infrastructure and Low Impact Development brochure, update as appropriate.

Corresponding topic area: A

Priority: High

Target audience: Public, elected officials, small businesses

Key message: Promote the use of LID and Green Infrastructure (GI) as a tool for reducing polluted runoff from developments and homes. The brochure explains what LID and GI are and provides examples and resources (links).

Delivery mechanism: GLRC website, GLRC social media, use with GLRC educational display, lobbies, etc. Lansing Township has materials available on its website as well as print materials in the Township hall lobby.

Year and frequency of implementation: Continuous, will use at events (Adopt A River, Quiet Water Symposium and MWEQ Watershed Summit) and update as appropriate.

Responsible party: GLRC Coordinator and Lansing Township.

Evaluation: Number of brochures handed out, website traffic, social media analytics

Activity: GLRC local Green Infrastructure projects webpage

Corresponding topic area: A

Priority: High

Target audience: Public, small businesses

Key message: The webpage highlights various local LID and GI projects in the region to help encourage others to pursue projects in their own neighborhood or community.

Delivery mechanism: GLRC website and social media and linked via Lansing Township's website.

Year and frequency of implementation: Continuous, will update as needed, initial revision July 2013.

Responsible party: GLRC Coordinator

Evaluation: Website link traffic.

Activity: Green Infrastructure educational programming

Corresponding topic area: A

Priority: High

Target audience: GLRC members, elected officials, public

Key message: Educate public, members, and elected officials on several different best management practices (examples include: snow management, Green Infrastructure project highlights, Green Infrastructure monitoring results, pervious pathways and tree preservation techniques, etc.)

Delivery mechanism: GLRC website, social media, newsletter distribution, presentations

Year and frequency of implementation: Continuous presence of GI information on website and social media, GLRC to host two GI presentations per permit cycle.

Responsible party: GLRC Coordinator, PEP Committee

Evaluation: Number of people reached by email, website traffic, social media analytics. Attendance at programs.

Activity: Promote Greening Mid-Michigan (GMM) Project (regional GI vision) videos

Corresponding topic area: A

Priority: High

Target audience: Public

Key message: A 27-minute video was produced with WKAR, promoting Green Infrastructure techniques and demonstrating how they lead to improved land use, water resource management, etc. The GLRC also received 3-4 shorter sound bites specifically related to stormwater management.

Delivery mechanism: GLRC website, GLRC social media, video distribution.

Year and frequency of implementation: Video development occurred in 2013-2014. GLRC has and continues to post video segments to website, social media.

Responsible party: GLRC Coordinator

Evaluation: Number of video views, website traffic, social media analytics

(J) Identify and educate commercial, industrial, and institutional entities likely to contribute pollutants to stormwater runoff.

Activity: Educate business community on MS4 and pollution prevention. Will outreach to entities such as car wash facilities, lawn care companies, food establishments, and industrial and institutional entities to share information on how these operations can impact the MS4 or to partner with them in educating their customers.

Corresponding topic area(s): A

Priority: Medium

Target audience: Businesses, industries, institutions

Key message: Improve stormwater management to reduce pollution.

Delivery mechanism: Sharing educational materials with businesses, presentations to business groups, and/or utilizing business publications.

Year and frequency of implementation: The GLRC Coordinator will outreach to local businesses twice per permit cycle.

Responsible party: PEP Committee, GLRC Coordinator

Evaluation: Number of connections made with local businesses, etc.

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, Enviroscapes	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 Gutchess	Grand Ledge	Friday, April 26, 2019		Career Quest Fair, Lansing Center	Scroll, Enviroscapes	
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, Enviroscapes	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 Gutchess	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	
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, Enviroscapes	3000
Cliff Walls	GLRC	Saturday, February 29, 2020		Quiet Adventures Symposium	Scroll, 3 panel	3500
*Covid-19 halted display use						

Appendix B

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 Suite 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. STOPCZYNSKI

[Signature]

John Moody
M. Chael Stone

[Signature]
[Signature]

JEFFREY D. JAKEWAY

[Signature]

Andy Beale
Michael Hergenz

[Signature]
[Signature]

Michael Prater

[Signature]

Dennis M. Louney

[Signature]

David Gutches ~~W~~
Isaac Weeks
Joseph Ward
Joe Gomez
Scott Richey
Randy Daniels
Trevor Hull
Mike Conlin
Austin Davis
Ryan Kraft
Duane Gardner
Kattie White

~~Cliff Walls~~
King Wadsworth
Paul Pratt
Emily Short
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 Gutches
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



City of East Lansing

Aden Duong

Eaton County

Jessica Larkin

Delta Township

Ernie West

Pat Schieding

Mike Stafford

Lansing Township

Sam Schultz

Ingham County

Drain Commissioner-

Don Drumm

Eric Daldos

Nick Patrick

David Dunlap

Todd Johnston

Other/Not Indicated

Willow Hassel

Yanice Jackson-Long

Jane Katzer

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

Dry Weather Screening Training

DATE: 7-24-18

ATTENDANCE SHEET

Appendix C

Name	Representing
JEFF JANEWAY	DEWITT CHARTER TOWNSHIP
Drew Morson	Clinton Co Drain
David Seeger	Clinton Co. Drain Commission
David Liviske	Meridian Twp
Younes Ishaidi	Meridian Twp
John Moody	Dewitt Charter twp
Joe Gomez	Dewitt Charter
Michael Stone	Dewitt Township
Joe Ward	Dewitt township
David Gutchess	City of Grand Ledge
Isaac Weeks	City of Grand Ledge
Sterren Roach	City of East Lansing
ADEN SUONG	CITY OF EAST LANSING
Jeff Roberts	City of Mason
Michael Hershey	CITY OF MASON
Jenny Hilliard	Village of Dimondale
James Gallagher	Village of Dimondale
RUTH KLINE-KOBACH	MSU
BRIAN BASTIAN	CITY OF LANSING
Sam Schultz	Lansing Twp
Maryvale Brown	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

GREATER LANSING REGIONAL COMMITTEE FOR STORMWATER MANAGEMENT

STORMWATER SEMINAR

Appendix D

6-14-18

ATTENDANCE SHEET

Name	Representing
Matt Comben	Barr Eng.
Walter Kulasa	DELTA TRUP
Bob Schuerman	E. Lansing
Chris Jones	Barr Engineering
STEVE KLEIN	BARR ENGINEERING Co
Randy Schaffer	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	Kalamazoo Nature Center
Ernie West	Delta Trup
Jeff Bewerte	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 Roach	City of East Lansing
Ryan Kraft	Sodexo - Lansing Schools
Duane Gardner	Sodexo - Lansing Schools
Ruth R. Pabek	msk

Name

Representing

Name	Representing
ERIL DEIBEL	ELDC
Marc Jones	City of Lansing
YOUNES ISHRATIDI	Meridian Twp
Allen Bryant	Delhi Twp.
Kattie White	Lansing School District
Jennifer Lawson	City of Ann Arbor
Angela Bennett	City of Lansing
Victor Rose	City of Genoa Lakes
Joe O'Brien	ENTEL