

## Stormwater Controls Inspection, Maintenance and Effectiveness August 1, 2019 to December 31, 2020

<b>Property Name: Municipal Parking Lot @ 659 Crowell Ave.</b>				
<b>Structural Storm Water Control</b>	<b>Inspection Frequency</b>	<b>Maintenance Schedule</b>	<b>Inspection and Maintenance Conducted and Location of Log (if applicable)</b>	<b>Effectiveness of Control and Support Documentation</b>
Catch Basin sumps	Annually	5 year cycle Clean sumps (Public Works Complex)	Catch basins in this lot were cleaned in and inspected this reporting period.	Effective. Catch basins are functioning properly.
<b>Property Name: EGR Community Center @ 750 Lakeside Drive</b>				
<b>Structural Storm Water Control</b>	<b>Inspection Frequency</b>	<b>Maintenance Schedule</b>	<b>Inspection and Maintenance Conducted and Location of Log (if applicable)</b>	<b>Effectiveness of Control and Support Documentation</b>
Catch Basin sumps	Annually	5 year cycle. Clean sumps (Public Works Complex)	Catch basins in this lot were cleaned in and inspected this reporting period.	Effective. Catch basins are functioning properly.
Storm Sewer Separator	Annually	Annually or as needed. Clean chamber (Public Works Complex)	The separator was cleaned during the reporting period.	Effective. Functioning properly.
<b>Property Name: Water Tower Property @1745 Woodlawn Ave.</b>				
<b>Structural Storm Water Control</b>	<b>Inspection Frequency</b>	<b>Maintenance Schedule</b>	<b>Inspection and Maintenance Conducted and Location of Log (if applicable)</b>	<b>Effectiveness of Control and Support Documentation</b>
Grassy swale	Annually	Annually or as needed. Clean swale of debris and maintain turf. (Public Works Complex G.M.)	Swale was mowed regularly during the reporting period.	Effective. The swale filters storm water and prevents debris from entering the storm sewer system. The debris is regularly handpicked.

<b>Property Name: Manhattan Park @ 430 Manhattan Rd.</b>				
<b>Structural Storm Water Control</b>	<b>Inspection Frequency</b>	<b>Maintenance Schedule</b>	<b>Inspection and Maintenance Conducted and Location of Log (if applicable)</b>	<b>Effectiveness of Control and Support Documentation</b>
Catch Basin sumps	Annually	5 year cycle. Clean sumps (Public Works Complex)	Catch basins in this lot were cleaned in and inspected this reporting period.	Effective. Catch basins are functioning properly.
Grassy swales	Annually	Annually or as needed. Clean swale of debris and maintain turf. (Public Works Complex-G.M.)	Swales are cleaned annually of any/all debris. Most swales in this area remain in their natural state providing excellent runoff filtration.	Effective. The grassy swale filters storm water and prevents silt and debris from entering the storm sewer system.
<b>Property Name: John Collins Park @650 Lakeside Dr.</b>				
<b>Structural Storm Water Control</b>	<b>Inspection Frequency</b>	<b>Maintenance Schedule</b>	<b>Inspection and Maintenance Conducted and Location of Log (if applicable)</b>	<b>Effectiveness of Control and Support Documentation</b>
Rain Garden	Annually	Annually or as needed. Clean garden of debris and maintain garden plants (Public Works Complex-G.M.)	Rain garden is cleaned of debris on a routine basis.	Effective. The rain garden drains properly so it provides an effective means of storm water treatment for a portion of the park.
<b>Property Name: Waterfront Park@2206 Reeds Lake Blvd.</b>				
<b>Structural Storm Water Control</b>	<b>Inspection Frequency</b>	<b>Maintenance Schedule</b>	<b>Inspection and Maintenance Conducted and Location of Log (if applicable)</b>	<b>Effectiveness of Control and Support Documentation</b>
Vegetative Buffer Strips along shore line.	Annually	Annually or as needed. Clean Buffer and maintain	The buffer strips along the shoreline have been routinely cleaned of debris	Effective. The vegetative buffer filters storm water, slow runoff and prevent

		vegetation (Public Works Complex-G.M.)	and inspected throughout the reporting period.	silt and debris from entering Reeds Lake.
<b>Property Name: Public Works Complex/Remington Park @2310 Reeds Lake Blvd.</b>				
<b>Structural Storm Water Control</b>	<b>Inspection Frequency</b>	<b>Maintenance Schedule</b>	<b>Inspection and Maintenance Conducted and Location of Log (if applicable)</b>	<b>Effectiveness of Control and Support Documentation</b>
Catch Basin Sumps	Annually	Annually or as needed. Clean sumps (Public Works Complex)	Catch basin sumps were cleaned during reporting period.	Effective. Catch basins are functioning properly.
Grassy swale and vegetative buffer strip	Annually	Annually or as needed. Clean and maintain turf, vegetation (Public Works Complex-G.M.)	The natural vegetative buffer strips are cleaned of debris routinely.	Effective. Grassy swale and vegetative buffer strip are functioning properly.
Grassy detention pond	Annually	5 year cycle or as needed. Clean out sediment (Public Works Complex)	Clean out sediment.	Effective. Detention pond functioning properly.
<b>Property Name: City Streets</b>				
<b>Structural Storm Water Control</b>	<b>Inspection Frequency</b>	<b>Maintenance Schedule</b>	<b>Inspection and Maintenance Conducted and Location of Log (if applicable)</b>	<b>Effectiveness of Control and Support Documentation</b>
Catch Basin Sumps	5 year cycle	5 year cycle or as needed. Clean sumps (Public Works Complex)	36 catch basins were cleaned during the reporting period.	Effective. Catch basins are functioning properly.
Sanitary Sewer Separator	Annually	Annually or as needed. Clean Chamber (Public Works Complex)	Separator was cleaned during the reporting period.	Effective. Functioning properly.
Storm sewer system	5 year cycle	5 year cycle. Clean sewer lines (Public Works Complex)	No Storm Sewer was cleaned between contractors and city crews during the reporting period.	Cleaning storm sewers removes any residual of debris and sediment from the system before ultimately entering the public waters of the state. This cleaning is an effective means of storm

				water treatment as it further catches sediments and debris for the public street system after entering the storm system.

## Illicit Discharge Elimination Plan (IDEP)

### Regional IDEP Activities

A detailed description of the IDEP activities undertaken on an individual basis is included below. The IDEP activities include dry-weather screening of stormwater outfalls, locating possible sources of contamination, responding to reported incidents, correcting the problems, and preventing new illicit connections.

The IDEP is being implemented under a cooperative program administered by GVMC and involving the county agencies and municipal units. The IDEP was approved by EGLE in August of 2013. GVMC conducted outfall screening during the summer of 2018 on behalf of the MS4 communities in the Lower Grand River Watershed.

Please describe any dry-weather screening conducted during the reporting period and the findings of that screening.
Dry weather screening was performed in 2018 and is due again in 2023.

<p>Please list any other known and/or resolved illicit discharges identified during the reporting period and status of elimination. For significant discharges, also list the pollutants involved with an estimate of the volume and loading. Please describe enforcement action, if any.</p> <p>Examples of illicit discharges include: malfunctioning septic systems; sanitary sewer leaks, overflows, or cross-connections; laundry water discharges; leaking fluids from vehicles, barrels, dumpsters, or tanks; concrete truck wash water; polluted runoff from temporary or permanent storage areas; improper fire hydrant flushing; spills from auto accidents; power washing wastewater; industrial/commercial wastewater, dumping; and any other violation of the IDEP ordinance.</p>
<p>-2833 Bonnell Ave. , Two leaking underground fuel tanks, under driveway, EGLE contacted -1/7/2020</p> <p>Status : ongoing mitigation efforts.</p>
<p>Please list the status and schedule for elimination for any illicit discharges identified but not eliminated during this reporting period. Also, report the status of any illicit discharges identified but not eliminated during previous reporting periods.</p>
<p>-2833 Bonnell Ave. , Two leaking underground fuels tank, EGLE contacted -1/7/2020</p> <p>Doug LaFave, Assistant City Manager, asked David Johnson, City Engineering Technician, to investigate and contact EGLE about a report of a strong chemical smell a resident reported to one of our City Commissioners near the south side of Reeds Lake. Mr. Johnson did not notice a smell, but contacted David Bandlow, Assistant District Supervisor, Redevelopment Division, Grand Rapids District, EGLE.,</p> <p>and sent out Jay Poll, EGLE RRD GR, who stopped on site and reported a distinct oil smell and decided that additional investigation was warranted. EGLE has placed monitoring wells, taken samples, and has determined the source is an old leaking underground fuel tank located at 2833 Bonnell Ave., Rockford Construction in performing mitigation for the property owner and is following the direction and requirements of EGLE.</p> <p>Status : ongoing mitigation efforts.</p>
<p>Please describe the actions your community takes when indications of illicit discharges have been identified.</p>
<p>Immediately perform an onsite inspection. Take photos and gather information from the site, names of individuals and companies, license plate numbers of any vehicles involved. Contact EGLE and report the possible illicit discharges, and follow their instructions.</p>

Please provide:

- An estimated quantification of the number of discharges eliminated, and
- An estimated quantification of the volume of illicit flow eliminated (*For large spills or, where the amount discharged is possible to estimate*).

Identify any specific coordination with the health department in response to illicit discharge elimination for failed or failing septic fields, or identify if any septic systems have been eliminated in your community and hooked up to the municipal system.

No issues with septic systems in the City. See attached data from the Kent County Health Dept.

Describe the effectiveness of the program to prevent illicit discharges and the method used to assess effectiveness.

Public Works department is diligent in observing any unusual discharges if they are present. Residents of East Grand Rapids are also actively involved in reporting things to the City.

## New Point Source Discharges of Stormwater

Do you own or operate any NEW or previously unidentified storm water discharges? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "yes," please indicate which discharge points are new on your outfall map or list.
Is your storm water discharge point map attached or provided electronically? <input type="checkbox"/> Map is attached <input checked="" type="checkbox"/> Map is provided electronically <input type="checkbox"/> Other. Please explain in comments section.
Is your storm water discharge point list attached or provided electronically? <input type="checkbox"/> List is attached <input checked="" type="checkbox"/> List is provided electronically <input type="checkbox"/> Other. Please explain in comments section.
Comments: Lists were submitted to EGLE in Early 2019 as Appendix 2 in the Illicit Discharge Elimination Plan revision as part of the 2016 MS4 Permit Application. Each community maintains an updated map of their MS4, with the help of GVMC Environmental Programs, or REGIS.

## Soil Erosion and Sedimentation Control

Part 91 Administration Authority: KCRC

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? Yes

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? Yes

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

### **Post Construction Controls Activities Completed August 1, 2019 to December 31, 2020**

The City of East Grand Rapids has a Storm Water Ordinance, Chapter 28 of the City Code, adopted on January 7, 2002 and amendments on September 30, 2005, that controls storm water in areas of new development and significant redevelopment. It includes various levels of control depending on zones established based on the sensitivity of the receiving waters. The ordinance also ensures that the owners of facilities constructed to meet the storm water requirements properly operate and maintain the facilities.

City of East Grand Rapids

The City of East Grand has adopted a Master Plan June 4, 2018 for long term re-development guidance that establishes and preserves the City's natural features as well as endorses the City's Storm Water Pollution Prevention Initiative. As a fully build out community, the Master Plan provides the guidance necessary for re-development activities.

The City of East Grand Rapids has a Zoning Ordinance which requires all new development or redevelopments to be reviewed to insure compliance with state and federal regulations, the City's Storm water regulations and may include an approval of an acceptable environmental impact assessment. The City is also underway to rewrite and update the City's Zoning Ordinances which will include consideration of Low Impact Development practices and riparian buffer zone protection requirements. The City currently promotes these activities through demonstration projects and public facility improvement projects. As a fully built out community, existing open spaces, including environmentally sensitive areas are currently preserved through ownership by the City pursuant to the City's Master Plan.

Explain the enforcement activities of your comprehensive storm water management program for post-construction controls completed during this reporting period:

Only 1 redevelopment project at the hospital occurring at this time- SESC permit is issued through Kent County.

How many developments were approved with storm water controls according to PCC?  
none

Have any long-term operation and maintenance agreements been signed?  
none

How many inspections or enforcement/compliance of O&M agreements were conducted?  
none

Explain how the Post Construction Controls have addressed other issues, such as protecting sensitive areas, directing growth to identified areas, encouraging infill development in higher density urban areas and areas with existing infrastructure, and/or maintaining or increase open spaces:  
none



**Staff and Contractor Training  
August 1, 2019 to December 31, 2020**

Training Topic Area	Employee Group to Receive Training	Date of Training
<b>On-Site Training: Storm sewer end section scour repair</b>	<b>DPW workers and Crew leaders</b>	<b>6/29/2020</b>
<b>On-Site Training: Bank Stabilization</b>	<b>DPW workers and Crew leaders</b>	<b>12/22/2020</b>

## Other Actions

<p>Please list any extra efforts your community has conducted above and beyond your commitments recorded above (e.g., stream buffer ordinance adoption, new management techniques, invasive species control, habitat enhancement/protection, logjam removal, stream/beach clean-ups, etc.) that have helped implement the <b>Lower Grand River Watershed Management Plan</b>:</p>
<p>New requirement to have a Licensed Professional Engineer design and stamp storm drainage plans for new residential construction above 400 sft. added to City ordinance. 8/17/2020</p>
<p>Please list any other actions your community has conducted to reduce storm water pollution:</p>
<p>Events the community participated in (virtual or in person), and dates:</p> <p>No DPW Open House due to Covid-19 No Touch a Truck due to Covid-19</p> <p>Rehabilitation of 635 feet of storm sewer Placement of 520 feet of new storm sewer</p> <p>Dry wells- which are underground storm water detention basins, that the city installs in the road right of way between the curb and the sidewalk near</p>

problem flooding/icing areas (sump pump discharge) of residents, after installation the property owners are responsible to maintain. The city has approximately 9 installed so far, and 9 more planned for 2021.

Green Stormwater detention- playground at Breton Downs Elementary is function well. It is an underground storm sewer retention system, an above ground storm water flood detention area (volume) and a playground.

# MS4 Community Annual PEP Checklist + Report

**August 1, 2019-December 31, 2020 Reporting Period:** Check the box for each action you completed and provide supporting documentation where indicated. The 2019-2020 PEP Focus Areas were: Personal watershed stewardship, Personal actions that can affect the watershed, Waste disposal assistance

**Community Name:** City of East Grand Rapids

## 2019-2020 Prioritized Activities:

1. Ensure Community website links to the LGROW website ([www.LGROW.org](http://www.LGROW.org))

*https://www.eastgr.org/360/Environmental*

2. Publish at least 1 article on PEP topics in Community newsletter or news outlet

*Name of newsletter/news outlet:* [www.eastgr.org](http://www.eastgr.org) , East Exspress E-Newsletter

*Distribution/Reach of newsletter/news outlet:* Distribution/Reach

*PEP Topic(s) addressed:*  General Watershed Awareness  Stormwater Discharge Location/Impacts

Illicit Discharge Reporting  Septic System Management  Personal Actions

Waste Management Assistance

**\*Attach a copy of newsletter or link to online article:** Link to online article

3. Community presence or Stormwater Display at 1 event or location

*Event Date:* 12/2/2020

*Event Location:* City HaLL Lobby , downstairs by Engineering, Road Construction Display

**\*Attach a photo of event/display; List additional/multiple events at the end of this form**

4. Distribute pollution prevention information to at least 2 targeted businesses/groups listed in PEP

<i>Names of Businesses</i>	<i>Title(s) of Material(s) Distributed</i>
Business 1	Material Name
Business 2	Material Name
Business 3	Material Name

5. Share household hazardous waste reduction information with residents via Community's social media, newsletter, or website (You may attach the PEP Social Media Report in lieu of this question if you have multiple social media posts on multiple PEP categories to report)

*Date shared:* entire reporting period-City website-Help Center-Dispose of- learn how to properly dispose of yard waste, hazardous waste, and recyclable materials.

*Location shared:* Community Website

*Social Media Post Reach:* #

*Social Media Post Engagement:* #

**\*Attach a screenshot of a representative social media post, copy of newsletter, or link to community website: [www.eastgr.com](http://www.eastgr.com) :Help Center- Dispose of: learn to properly dispose of yard waste, hazardous waste, and recyclable materials**

6. Distribute giveaway items for selected PEP categories

<b>Item</b>	<b># Distributed</b>	<b>Item</b>	<b># Distributed</b>
LGROW Chapstick	24	Pet Waste Bag Dispenser	#
LGROW Shopping Bag	30	Troutie Coloring Book	6
Trout Stress Ball	30	WMEAC Coloring Book	#
LGROW Pen	#	Paint by Number	#
Only Rain Snap Bracelet	#	Watershed Brochure	#

Reusable Straw	#	EPA Stormwater Solution Brochure	#
HHW Magnet	#	Other	#

## Other Activities

7. Cohost a LID/Green Infrastructure workshop for Community members with LGROW

*Workshop Date:* Click to enter a date.

*Workshop Location:* Location

*# of Attendees:* #

**\*Attach a copy of workshop sign-in sheets or photos if available**

8. Host, participate in, or support a stream cleanup effort

*Cleanup Date:* Click to enter a date.

*Cleanup Location:* Stream name and cleanup location

*# of Volunteers:* #

**\*Attach a copy of volunteer sign-in sheets or photos if available**

9. Mark storm drains or host/support storm drain marking events

*Storm Drain Marking Event Date:* Click to enter a date.

*# of Participants in Event:* #

*# of Storm Drains Marked:* #

*# of Pre-Marked or Stamped Drains already existing in Community:* #

10. Join or Promote Adopt a Drain Program

*Date(s) of program promotion:* 9/19/2019, 10/3/2019, 11/7/2019, 10/1/2020

*Method of program promotion:* E-Newsletter

*Social Media Metrics (Post Reach, Post Engagement):* Post Reach, Post Engagement

**\*LGROW will create a report of the number of drains adopted in your Community**

11. Provide presentation on PEP topics to a school in your Community

*Date of presentation:* Click to enter Date

*Location of presentation:* Location

*# of Students Reached:* #

12. Implement EPA SepticSmart Social Media Guide during SepticSmart Week

*Provide Social Media Metrics (Post Reach, Post Engagement):* Post Reach, Post Engagement

13. Post 1 new educational sign on PEP topics on Community property

*Sign Location:* Name or Address of Sign Location

*PEP Topic(s) addressed:*  General Watershed Awareness  Stormwater Discharge Location/Impacts\

Illicit Discharge Reporting  Septic System Management  Personal Actions

Waste Management Assistance **\*Attach a photo of the educational sign; Note that this activity is not required in 2020, but is required by December 31, 2023.**

## Other Public Engagement Activities Completed

Use this space to provide additional detail on Public Engagement Activities described above or to describe other Public Engagement Activities completed in your Community during the reporting period. You may also report any adjustments your Community made to Public Engagement as a result of limitations due to COVID-19 in this space.

Click or tap here to enter text.



# East Grand Rapids, Michigan

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## Help Center

### Appeal My

Find out the process of appealing.

### Apply For

Apply for permits, licenses, and jobs.

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Contact city staff members.

### Dispose of

Learn how to properly dispose of yard waste, hazardous waste, and recyclable materials.

### Find



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- Pay For

## Published Newsletter Articles

East Grand Rapids website

[www.eastgr.org](http://www.eastgr.org)

Documents & Forms

East Express E-Newsletters

View current and past issues

- |            |   |
|------------|---|
| 8/1/2019   | * Protect your Watershed & Water quality  |
| 8/15/2019  | * EGR Grow Green Weekend<br>* Tree planting program   |
| 9/5/2019   | * EGR Grow Green<br>Fall leaf pick up resumes in October<br>Tree planting program                     |
| 9/19/2019  | * EGR Grow Green<br>* Fall leaf pick up<br>* Tree planting program<br>* Adopt a drain                 |
| 10/3/2019  | * Fall leaf pick up<br>* Adopt a drain<br>* Adopt a drain   |
| 10/17/2019 | * Fall leaf pick up   |
| 11/7/2019  | * Fall leaf pick up<br>* Adopt a drain  |
| 11/21/2019 | * Fall leaf pick up   |
| 12/5/2019  | * Fall leaf pick up   |
| 1/2/2020   | * Invasive Species<br>* Christmas Tree pick up & Leaf Pick up<br>* <b>LGROW Winter Watershed Tips</b> |
| 1/16/2020  | * Invasive Species<br>* Christmas Tree pick up & Leaf Pick up   |
| 2/6/2020   | * Invasive Species  |
| 3/5/2020   | * Invasive Species  |
| 3/9/2020   | * <b>LGROW Annual Report</b>  |
| 4/16/2020  | * Help Keep EGR Clean   |

- 5/7/2020 \* Help Keep EGR Clean
- 5/21/2020 \* Help Keep EGR Clean
  
- 7/2/2020 \* **LGROW Summer Newsletter**
  
- 8/6/2020 \* Tree Planting Program
- 8/20/2020 \* Tree Planting Program
  
- 9/3/2020 \* Tree Planting Program
- 9/17/2020 \* Tree Planting Program
- \* Fall Leaf collection
- \* Properly dispose of Hazardous waste
  
- 10/1/2020 \* Fall Leaf collection
- \* **LGROW FALL Newsletter**
- \* Adopt a drain
- 10/15/2020 \* Fall Leaf collection