

# Cascade 2021 & 2022 MS4 Progress Report

## General information

Were any new municipal facilities added to your jurisdiction in 2022 that have stormwater infrastructure? **No**

Did you identify or construct any new outfalls or points of discharge? **No**

## Enforcement Actions

The enforcement response procedure and form to be filled out in case of an unauthorized discharge can be found in your Stormwater Management Plan (SWMP). SWMPs are saved under your community name [on LGROW's website](#).

Were there any enforcement actions taken in 2022? This includes fines, citations, stop work orders. **No**

If yes, please explain: **N/A**

## Illicit Discharges

How many illicit discharges were detected in 2022? **None**

Explain each illicit discharge and action taken to investigate/clean up each discharge: **N/A**

Were all illicit discharges detected eliminated? **N/A**

How many illicit discharges led to enforcement action? **N/A**

## Soil Erosion and Sedimentation Control (Part 91)

Were there any changes made to your SESC program in 2022? (ex. change in Part 91 status as an APA or MEA) **No**

Were there any issues identified in 2022 under the SESC program on construction sites under your jurisdiction? If so, please explain: **No**

## Post Construction Control (Development and Redevelopment)

How many developments were approved under the new stormwater ordinance? **3**

Were any maintenance agreements signed? **Yes, 2**

How are you tracking signed maintenance agreement requirements? **Every three years the property owner is required to provide the Township with records of inspections, maintenance, and repair of the stormwater management system**

## Facilities

Were any new facilities that the municipality is responsible for added in the past few years? You can view your facility inventory under your community name [on LGROW's website](#) (Appendix 6 Facility Inventory).

| <b>BMPs on Township administration and Fire Station Properties</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 & storm sewer  | every 5 years               | every 5 years               | Yes   | <i>Inspected 03/2019</i>                                  |
| Grassy Swales  | twice yearly                | twice yearly                | Yes   | <i>Inspected 11/2021 &amp; 04/2022</i>                    |
| Curb & gutter  | Yearly                      | Yearly                      | Yes   | <i>Inspected 11/2021 &amp; 04/2022</i>                    |
| Vegetated Swales   | Yearly                      | Yearly                      | Yes   | <i>Inspected 11/2021 &amp; 04/2022</i>                    |
| <b>Township Park - Cascade Rec Park</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> |
| Detention Pond   | Yearly                      | Yearly                      | Yes   | <i>Inspected 11/2021 &amp; 04/2022</i>                    |
| Catch Basin & Storm Sewer  | every 5 years               | every 5 years               | Yes   | <i>Inspected 03/2019</i>                                  |
| <b>Township Park – Leslie Tassell Park</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 & Storm Sewer  | every 5 years               | every 5 years               | Yes   | <i>Inspected 03/2019</i>                                  |

| Township Library               |                      |                      |  |  |
|--------------------------------|----------------------|----------------------|--|--|
| Structural Storm Water Control | Inspection Frequency | Maintenance Schedule | Inspection and Maintenance Conducted and Location of Log (if applicable) | Effectiveness of Control and Support Documentation |
| Detention Pond                 | Yearly               | Yearly               | Yes  | Inspected 04/2022                                  |
| Catch Basin & Storm Sewer      | every 5 years        | every 5 years        | Yes  | Inspected 03/2019                                  |

## Street Sweeping

Did you perform street sweeping?

Yes  No

Please submit a log of street sweeping, or invoices if you contracted this work out. **Intend to hire a street sweeping contractor in spring 2023 to clean targeted Township owned facilities and repeat annually**

## Catch Basin Cleaning

Please submit a log of catch basin inspections, cleaning, or invoices if you contracted this work out.

Did you inspect catch basins?

Yes  No

How many? **Several, only on Township owned facilities**

## Road Work

During road, parking lot, sidewalk and right-of-way maintenance were BMPs implemented to prevent or reduce pollutant runoff during maintenance? **Yes, as required**

Is the municipality responsible for any bridge maintenance? If so, were BMPs implemented to prevent or reduce pollutant runoff during maintenance? **No, N/A**

Is the municipality responsible for any unpaved roads? If so, were BMPs implemented to prevent or reduce pollutant runoff for unpaved roads? **No, N/A**

Is the municipality responsible for any plowing and salting? If so, were BMPs implemented to prevent or reduce pollutant runoff during winter operations? Please explain. **Yes (nonmotorized pathways and Township owned facilities only), as required**

Is the municipality responsible for washing vehicles (ex: trucks, police cars, school buses)? If so, were BMPs implemented to prevent or reduce pollutant runoff during washing? Please explain. **Yes, as required**

## Training

Was any other training completed besides sitting down on 22.12.09 that you would like to report on behalf of your staff to EGLE? (Conferences, seminars, or PDH's you wish to report for you or your staff.)

**Brian attended the LGROW Spring Forum meeting on 22.05.20. Intend to schedule Cara Decker still this winter (2023) to provide relevant training to Building & Grounds crew.**