

Cascade 2023 MS4 Progress Report

General information

Were any new municipal facilities added to your jurisdiction in 2023 that have stormwater infrastructure? **Yes, the redeveloped fire station at 2865 Thornhills Ave SE**

Did you identify or construct any new outfalls or points of discharge? **None**

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 2023? This includes fines, citations, stop work orders.

None

If yes, please explain:

N/A

Illicit Discharges

How many illicit discharges were detected in 2023? **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 2023? (ex. change in Part 91 status as an APA or MEA) **None**

Were there any issues identified in 2023 under the SESC program on construction sites under your jurisdiction? If so, please explain: **None**

Post Construction Control (Development and Redevelopment)

How many developments were approved under the new stormwater ordinance? **9**

Were any maintenance agreements signed? **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).

BMPs on Township administration and Fire Station Properties				
Structural Storm Water Control	Inspection Frequency	Maintenance Schedule	Inspection and Maintenance Conducted and Location of Log (if applicable)	Effectiveness of Control and Support Documentation
Catch basin & storm sewer	every 5 years	every 5 years	Yes	<i>Inspected 05/2023</i>
Grassy Swales	twice yearly	twice yearly	Yes	<i>Inspected 05/2023 & 12/2023</i>
Curb & gutter	Yearly	Yearly	Yes	<i>Inspected 05/2023</i>
Vegetated Swales	Yearly	Yearly	Yes	<i>Inspected 05/2023</i>
Township Park - Cascade Rec Park				
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	<i>Inspected 12/2023</i>
Catch Basin & Storm Sewer	every 5 years	every 5 years	Yes	<i>Inspected 05/2023</i>
Township Park – Leslie Tassell Park				

Structural Storm Water Control	Inspection Frequency	Maintenance Schedule	Inspection and Maintenance Conducted and Location of Log (if applicable)	Effectiveness of Control and Support Documentation
Catch Basin & Storm Sewer	every 5 years	every 5 years	Yes	Inspected 05/2023
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 12/2023
Catch Basin & Storm Sewer	every 5 years	every 5 years	Yes	Inspected 05/2023

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 2024 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? **8 total at Township owned facilities, including 3 at 5920 Tahoe Dr SE and 5 at 2870 Jacksmith Ave SE.**

Road Work

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

Is the municipality responsible for any bridge maintenance? If so, were BMPs implemented to prevent or reduce pollutant runoff during maintenance? **N/A**

Is the municipality responsible for any unpaved roads? If so, were BMPs implemented to prevent or reduce pollutant runoff for unpaved roads? **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, 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 training completed in 2023 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.)

2023.06.09 – MS4 Meeting at LGROW Spring Forum

Additional Information

Please include anything else you wish to report to EGLE (info, flyers, photos, etc.): **None**

Public Education and Outreach

Please fill out the separately attached 2023 PEP form.

MS4 Community Annual PEP Checklist

This document outlines your community's required activities for the 2023 Reporting Period. Check the box for each action as you complete it and provide supporting documentation where indicated.

LGROW Dropbox: [Link](#)

Community Name:

Cascade Charter Township

1. Publish at least 1 **article** on PEP topics in Community newsletter or news outlet (recommended quarterly)

Date	Article	PEP Topic
Spring 2023	Take Care of Your Local Waters	Stormwater Discharge Location/Impacts
Winter 2023	LGROW: A little ice melt goes a long way	Personal Actions
		Choose an item.
		Choose an item.

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

Event Date: 2023.08.01

Event Location: 5500 Burton St SE

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

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

Names of Businesses	Title(s) of Material(s) Distributed
DDA	Stormwater Tip Sheet for Business Lawn Care
Centennial Park	Stormwater Tip Sheet for Parking Lots

4. Share household hazardous waste reduction information with residents via Community's social media, newsletter, or website

Date shared: 2023.10.25

Location shared: Facebook

Social Media Post Reach: 5,100 followers

Social Media Post Engagement: 2

***Attach a screenshot of a representative social media post, copy of newsletter, or link to community website:**

5. Distribute giveaway items for selected PEP categories

Item	# Distributed	Item	# Distributed
Troutie Coloring Book	<u>20</u>	LGROW Brochure Spanish	
LGROW Colored Pencils		AAD Tip Cards	<u>10</u>
Pet Waste Bag Dispenser	<u>20</u>	Septic Smart Brochures	<u>10</u>
LGROW Foldable Bags		Septic Smart Brochures Spanish	
LGROW Brochure English		Make your home the solution to stormwater pollution English	<u>20</u>
Make your home the solution to stormwater pollution Spanish		EPA Stormwater Smart Construction in your Neighborhood	<u>10</u>
EPA Stormwater Smart Restaurants		EPA Stormwater Smart Parking Lots	
EPA Stormwater Smart Lawn Care		EPA Stormwater Smart Auto Shops	<u>20</u>

EPA Stormwater Smart Construction Sites		Salt Tip Card	<u>10</u>
LGROW Tip Cards			

Other Activities

☒ 6. Host, participate in, or support a stream cleanup effort

Cleanup Date: Various

Cleanup Location: Various

of Volunteers: 6-20

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

☒ 7. Join or Promote Adopt a Drain Program

Date(s) of program promotion: 2023

Method of program promotion: Defer to facility owner (Kent County Road Commission)

Social Media Metrics (Post Reach, Post Engagement): N/A

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

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

Please add teacher contact information if you are interested in having LGROW work with your local school:

<i>Teacher Name & Contact Information</i>	<i>School District</i>
	<i>Forest Hills Public Schools</i>
	<i>Caledonia Public Schools</i>
	<i>Lowell Area Public Schools</i>

☒ 9. Implement EPA SepticSmart Social Media Guide during SepticSmart Week: **September 18-22, 2023**

Provide Social Media Metrics (Post Reach, Post Engagement): 5,100 followers, 1 engagement

☒ 10. Share social media posts provided by LGROW

<i>Date</i>	<i>Post Title/ PEP Topic</i>	<i>Social Media Type</i>
<i>2023.04.25</i>	<i>Clear clogged storm drains</i>	<i>Facebook</i>
<i>2023.05.23</i>	<i>Annual Spring Forum</i>	<i>Facebook</i>
<i>2023.06.01</i>	<i>Summer Tips Fertilizer, etc.</i>	<i>Facebook</i>
		Choose an item.
		Choose an item.
		Choose an item.

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.

Cascade Charter Township offers several invasive workshops/eco-stewardship workdays throughout the year. These occur on Township owned public spaces and are led by staff. The Township also offers public awareness (e.g., with staff, dedicated booths, informational materials) at several events throughout the year, including National Night Out (2023.08.01), Metro Cruise Warm Up (2023.08.24), and Heritage Festival (2023.09.16).

Coming to Cascade!
TUESDAY, AUGUST 1, 2023



Come see your Cascade Firefighters
along with

- ★ Local First Responders
- ★ Aero Med
- ★ EMS
- ★ Military
- ★ K-9 Unit
- ★ Zoo Critters
- ★ Sheriffs Mounted Unit
- ★ National Guard
- ★ Bounce House
- ★ Book Mobile
- ★ Food Trucks
- ★ Free Goodies, Activities & Much More!



Mary Free Bed YMCA 4:30 pm – 7:30 pm
5500 Burton St SE.



Print the
Worksheet!

QUEST

RESERVED

Crayola
96
CRAYONS

Edible Crayons
96
CRAYONS

KENT COUNTY
SHERIFF'S OFFICE



Cascade Charter Township

October 25, 2023 · 🌐

National [#DrugTakeBackDay](#) is Saturday, Oct. 28 - but you don't have to wait until then to properly dispose of medication. The Cascade Meijer accepts old prescription and over-the-counter meds at a kiosk next to the pharmacy during business hours.

For other area locations, check out EGLE's Household Drug Takeback Map: <https://egle.maps.arcgis.com/apps/webappviewer/index.html...>



Michigan Department of Environment, Great Lakes, and Energy

October 25, 2023 · 🌐

🚫 Don't flush old meds! They can end up in our drinking water, groundwater, lakes, and rivers.

Instead, safely and anonymously drop off your unwanted medication... [See more](#)



1



Lend a **HAND**

Cascade Township Parks Volunteer Opportunities



Weekday & Weekend Options

Tuesdays @ 10

Weekly event from 10 a.m.-12 p.m., locations vary

Weekend Parks Warrior Workdays

Two-hour events once a month; times and locations vary



To sign up or for more information:

Volunteer@CascadeTwp.com • 616-481-3578



Parks & Recreation



WORKDAY VOLUNTEER SERVICES AGREEMENT

LOCATION: Friendship Park LEADER: Vanora Heibel

TASK/PROJECT: Clear Grove Start: 1:00 End: _____

GROUP NAME: _____ DATE: 10-28-23

The undersigned individuals are interested in assisting Cascade Charter Township in the maintenance of a public park or open space grounds owned and operated by the Township. The undersigned agrees to indemnify and hold harmless Cascade Charter Township, and its officers, agents, employees, and assigns, from all liability claims made by the signee, including all claims for personal injury, property damage, trespass, or otherwise arising from the activities of the signee, or from its presence on the site. Provided, however, that the signee shall not be required to indemnify and hold the Township harmless from claims arising from the sole negligence of the Township, and/or its officers, agents, employees, and assigns.

PHOTO RELEASE: I agree to allow the Cascade Charter Township to use photos of myself and/or my child for the purposes of marketing the Parks and Recreation Department. This use may include, but is not limited to, agency reports, display boards, websites, brochures, Facebook and other items, which promote the services Cascade Charter Township.

Printed Name	Signature	Phone Number	Email	Photo release
Charles Bell	<i>Charles Bell</i>	611 914-3371	cbp@billbell.com	<input checked="" type="checkbox"/> Approve
Dennis Bell	<i>Dennis Bell</i>	616 446-0217	dennisbell19@msl	<input type="checkbox"/> Approve
Paul Flynn	<i>Paul Flynn</i>	616 826-2663	Paul.Dun.07@gmail	<input checked="" type="checkbox"/> Approve
Robert Anderson	<i>Robert Anderson</i>	616 690-7794	bohrandover@gmail	<input type="checkbox"/> Approve
Dale Anderson	<i>Dale Anderson</i>	728 841-8155	DPA205E197@comcast	<input checked="" type="checkbox"/> Approve
Karen Olson	<i>Karen Olson</i>	751 Marbury Dr. SE	karenolson1@gmail	<input checked="" type="checkbox"/> Approve
Leslie Parker	<i>Leslie Parker</i>	616-485-8394	LDPSKI@gmail	<input checked="" type="checkbox"/> Approve
Rachel Vandenberg	<i>Rachel Vandenberg</i>	416 500 8118	rachelvandenberg@gmail	<input checked="" type="checkbox"/> Approve
Zack Harris	<i>Zack Harris</i>	616 401 4393	zackhd@zanngt.com	<input checked="" type="checkbox"/> Approve
Sadie + Levi	<i>Sadie + Levi</i>			<input checked="" type="checkbox"/> Approve
				<input type="checkbox"/> Approve
				<input type="checkbox"/> Approve
				<input type="checkbox"/> Approve

