

## 2023 Progress Report City of Grand Rapids

### General information

Were any new municipal facilities added to your jurisdiction in 2023 that have stormwater infrastructure?

**No new municipal facilities have been added.**

Did you identify or construct any new outfalls or points of discharge?

**No new outfalls or points of discharge have been added.**

### 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.

**Yes.**

If yes, please explain:

**Inspectors issued 37 "Notice of Violations" and 6 "Corrective Action Orders." The violations were issued for standard soil erosion infractions (lack of erosion controls like silt sacks or silt fence, or for offsite tracking). Corrective Action Orders are for when they fail to address notice of violations in a timely fashion or if the initial violation is egregious. No instances of violations with any direct discharges to waters of the state occurred.**

**Specific records for violations are kept with ESD staff and available upon request.**

### Illicit Discharges

How many illicit discharges were detected in 2023?

**One (1) reportable Illicit Discharge**

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

**Personal Vehicle Oil Changes in the Street – Unknown Perpetrator. Mailings were sent to homes in the area about proper vehicle maintenance. City crews cleaned small level of oil on street and in sump of catch basin.**

Were all illicit discharges detected eliminated?

**Yes**

How many illicit discharges led to enforcement action?

**0**

## 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):

Were there any issues identified in 2023 under the SESC program on construction sites under your jurisdiction? If so, please explain:

**No significant changes were made to the SESC program. Overall, 2,494 soil erosion inspections were completed by 3 full-time inspectors. The inspectors are certified as construction stormwater operators and have soil erosion plan review and design certifications. There were a total of 570 Plan reviews completed with 121 Land Use Development Permits (LUDS) SESC permits issued.**

## Post Construction Control (Development and Redevelopment)

How many developments were approved under the new stormwater ordinance?

90

Were any maintenance agreements signed?

**No projects were substantially complete in 2023 that required a maintenance agreement.**

How are you tracking signed maintenance agreement requirements?

**Maintenance agreements are tracked through our permitting processing software "Accela" and are part of the project closeout process.**

## Facilities

Were any new facilities that the municipality is responsible for added in 2023? You can view your facility inventory under your community name [on LGROW's website](#) (Appendix 6 Facility Inventory).

**No new facilities were added in 2023.**

**Inspections are documented in cityworks/Accela and available upon request.**

## Street Sweeping

Did you perform street sweeping?

Yes  No

**The Public Services Department for the City of Grand Rapids completed 5 total street sweeping cycles in 2023. An additional two cycles were completed on major streets for a total of 5 passes. There was 3,575 tons of material disposed of in 2023.**

## Catch Basin Cleaning

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

**This work is completed by City of Grand Rapids Environmental Services staff, metrics are recorded monthly through CityWorks program and are reported out quarterly at Stormwater Oversight Commission.**

**Did you inspect catch basins?**

Yes  No

**How many?** 3,716 Catch Basins were cleaned in 2023

## 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?

**Yes.**

Is the municipality responsible for any unpaved roads? If so, were BMPs implemented to prevent or reduce pollutant runoff for unpaved roads?

**No.**

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, the City utilizes the following practices: de-icing, pre-wetting, truck calibration, and street prioritization. They are also piloting temperature sensors in some streets and are looking to order trucks with GIS tracking of salt usage.**

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-the City has an indoor carwash facility with the discharge connected to the sanitary sewer.**

## Industrial Program

**Industrial inspections: 31 Industrial Inspections were completed in 2023 at the prescribed priority levels with no violations issued.**

Link to City SW Ordinance that references industrial inspections:

[https://library.municode.com/mi/grand\\_rapids/codes/code\\_of\\_ordinances?nodeId=TITISE\\_CH32CISTDRSY\\_ART2STSYUS\\_S2.213PRDR\\_Sec.2.213\(4\)](https://library.municode.com/mi/grand_rapids/codes/code_of_ordinances?nodeId=TITISE_CH32CISTDRSY_ART2STSYUS_S2.213PRDR_Sec.2.213(4))

## 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.)

**West Michigan Soil Erosion Network – Flocculants and other SESC Items – 3/2/23**

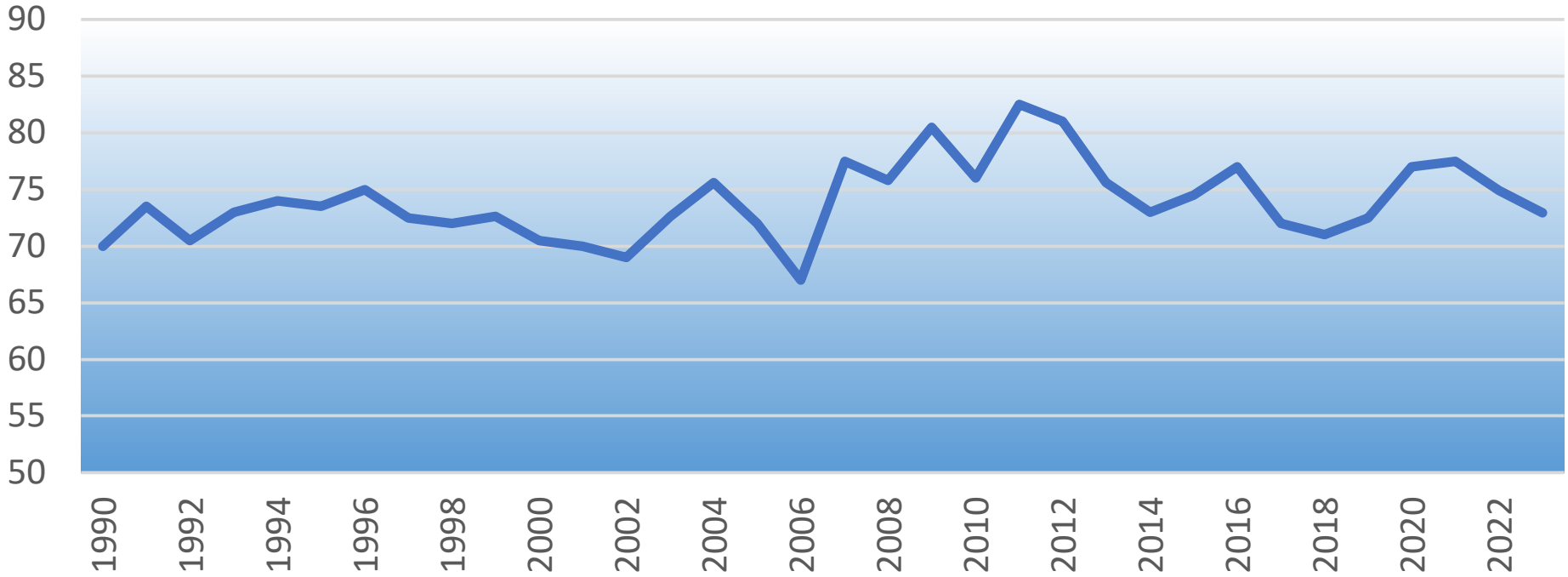
**06/09/2023 MS4 Meeting at LGROW Spring Forum**

**EGLE Green Infrastructure Conference – Kalamazoo 9/20/23**

**WEFTEC – Chicago – October 1-4th**

**Healing Our Waters – Great Lakes – Cleveland Oct 11<sup>th</sup> -14th**

Average Annual WQI  
Railroad Bridge North  
2023 Avg WQI = 72.95



**QUARTERLY RIVER SURVEY REPORT**

**March 14, 2023**

**CITY OF GRAND RAPIDS EPSD**

**River Survey Report**

<i>Grand River</i>	Time	Temp	DO	pH	BOD	TSS	FC	EC	Chloride	Cond	TP	NH3-N	NO2-N	NO3-N
2023-0390-01 Northland Drive Bridge (250120)	09:30	3.2	13.4	8.5	<2.0	6.1	15		61		<0.05			4.39
2023-0390-02 Wealthy Street Bridge (250090)	11:01	3.2	13.9	8.1	<2.0	6.5	28		66		<0.05			4.02
2023-0390-03 Railroad Bridge South (250070)	10:51	3.1	12.7	7.8	<2.0	6.7	29		82		0.08			4.34
2023-0390-04 Railroad Bridge North (250071)	10:57	3.1	12.8	8.1	<2.0	6.3	25		69		<0.05			4.26
2023-0390-05 M-11, Wilson Avenue (250062) Eastmanville (250040)	10:26	3.1	12.8	7.8	<2.0	6.7	27		72		0.06			4.25

<i>Streams</i>	Time	Temp	DO	pH	BOD	TSS	FC	EC	Chloride	Cond	TP	NH3-N	NO2-N	NO3-N
Rogue River at West River Drive														
2023-0390-08 Mill Creek at West River Drive	10:15	1.9	15.9	8.2	<2	3.7	4		52		<0.05			1.94
2023-0390-09 Indian Mill Creek at Turner Avenue Silver Creek at Croften/Roy	10:38	2.9	14.5	7.6	<2	<2.0	51		220		<0.05			1.55
2023-0390-11 Plaster 1 at Burton	08:45	2.2	12.6	8	<2	3.2	77		630		<0.05			0.91
2023-0390-12 Plaster 2 at Market	11:17	2.4	14.1	7.7	<2	6.6	88		560		<0.05			0.98
2023-0390-13 Buck Creek at Chicago Drive	09:05	3.2	12.2	7.6	<2	3	47		530		<0.05			1.07
2023-0390-14 Deer Creek Coldbrook Storm Drain	09:55	1.1	12.7	8	<2.0	3.9	133		130		0.07			4.31

\_\_\_\_\_ **Miscellaneous Information** \_\_\_\_\_

Weather Conditions:  
Field Technicians:

\_\_\_\_\_ **Test Descriptions** \_\_\_\_\_

<i>Grand River</i>	Cr	Cu	Fe	Hg	Ni	Ag	Zn	Hard	WQI
Northland Drive Bridge (250120)									76.0
Wealthy Street Bridge (250090)									76.4
Railroad Bridge South (250070)									76.6
Railroad Bridge North (250071)									76.6
M-11, Wilson Avenue (250062)									77.2
Eastmanville (250040)									0.0

<i>Streams</i>	Cr	Cu	Fe	Hg	Ni	Ag	Zn	Hard	WQI
Rogue River at West River Drive									0.0
Mill Creek at West River Drive									83.1
Indian Mill Creek at Turner Avenue									76.8
Silver Creek at Croften/Roy									59.6
Plaster 1 at Burton									70.4
Plaster 2 at Market									70.4
Buck Creek at Chicago Drive									72.0
Deer Creek									69.7
Coldbrook Storm Drain									0.0

**Time** (hh:mm)  
**Temperature** (°C)  
**DO:** Dissolved Oxygen (mg/L)  
**pH** (pH units)  
**BOD:** 5-day Biochemical Oxygen Demand (mg/L)  
**TSS:** Total Suspended Solids (mg/L)  
**FC:** Fecal Coliform (#FC/100ml)  
**EC:** E.coli (#EC/100ml)  
**Chloride** (mg/L)  
**Conductivity** (µS/cm)  
**TP:** Total Phosphorous (mg/L)  
**NH3-N:** Ammonia as nitrogen (mg/L)  
**NO2-N:** Nitrite as nitrogen (mg/L)  
**NO3-N:** Nitrate as nitrogen (mg/L)  
**Cr:** Total Chromium (ug/L)  
**Cu:** Total Copper (ug/L)  
**Fe:** Total Iron (ug/L)  
**Hg:** Total Mercury (ug/L)  
**Ni:** Total Nickel (ug/L)  
**Ag:** Total Silver (ug/L)  
**Zn:** Total Zinc (ug/L)  
**Hardness** (mg/L as CaCO<sub>3</sub>)  
**WQI:** Water Quality Index (percent)

**QUARTERLY RIVER SURVEY REPORT**

**May 9, 2023**

**CITY OF GRAND RAPIDS EPSD**

**River Survey Report**

<b>Grand River</b>	<b>Time</b>	<b>Temp</b>	<b>DO</b>	<b>pH</b>	<b>BOD</b>	<b>TSS</b>	<b>FC</b>	<b>EC</b>	<b>Chloride</b>	<b>Cond</b>	<b>TP</b>	<b>NH3-N</b>	<b>NO2-N</b>	<b>NO3-N</b>
2023-0733-01 Northland Drive Bridge (250120)	09:00	15.8	9.75	8.6	<2.0	9.5	40		41		0.05			1.3
2023-0733-02 Wealthy Street Bridge (250090)	11:07	15.8	10.9	8.6	<2.0	8.9	115		40		<0.05			1.2
2023-0733-03 Railroad Bridge South (250070)	10:37	15.3	9.32	8.4	<2.0	11.4	140		49		0.07			1.3
2023-0733-04 Railroad Bridge North (250071)	10:33	15.4	9.41	8.3	<2.0	11.6	140		46		0.12			1.5
2023-0733-05 M-11, Wilson Avenue (250062) Eastmanville (250040)	10:13	15.4	9.3	8.6	<2.0	11.9	133		47		0.09			1.5

<b>Streams</b>	<b>Time</b>	<b>Temp</b>	<b>DO</b>	<b>pH</b>	<b>BOD</b>	<b>TSS</b>	<b>FC</b>	<b>EC</b>	<b>Chloride</b>	<b>Cond</b>	<b>TP</b>	<b>NH3-N</b>	<b>NO2-N</b>	<b>NO3-N</b>
Rogue River at West River Drive														
2023-0733-08 Mill Creek at West River Drive	09:50	12.3	11.3	8.4	<2	2	79		45		<0.05			1.1
2023-0733-09 Indian Mill Creek at Turner Avenue Silver Creek at Croften/Roy	10:21	12.3	12.7	8.5	<2	<2.0	152		100		<0.05			1.4
2023-0733-11 Plaster 1 at Burton	08:39	13.6	8.41	8	<2.0	5	365		150		<0.05			0.67
2023-0733-12 Plaster 2 at Market	11:25	14.2	10.6	8	<2.0	3.2	461		150		<0.05			0.78
2023-0733-13 Buck Creek at Chicago Drive	09:00	13.4	8.62	8.4	<2.0	4	517		140		<0.05			0.69
2023-0733-14 Deer Creek Coldbrook Storm Drain	09:45	14.3	7.07	8.1	<2.0	3.9	249		41		0.1			2.8

\_\_\_\_\_ **Miscellaneous Information** \_\_\_\_\_

Weather Conditions:  
Field Technicians:

\_\_\_\_\_ **Test Descriptions** \_\_\_\_\_

<b>Grand River</b>	<b>Cr</b>	<b>Cu</b>	<b>Fe</b>	<b>Hg</b>	<b>Ni</b>	<b>Ag</b>	<b>Zn</b>	<b>Hard</b>	<b>WQI</b>
Northland Drive Bridge (250120)									78.0
Wealthy Street Bridge (250090)									74.1
Railroad Bridge South (250070)									74.6
Railroad Bridge North (250071)									74.7
M-11, Wilson Avenue (250062)									73.5
Eastmanville (250040)									0.0

<b>Streams</b>	<b>Cr</b>	<b>Cu</b>	<b>Fe</b>	<b>Hg</b>	<b>Ni</b>	<b>Ag</b>	<b>Zn</b>	<b>Hard</b>	<b>WQI</b>
Rogue River at West River Drive									0.0
Mill Creek at West River Drive									75.0
Indian Mill Creek at Turner Avenue									70.8
Silver Creek at Croften/Roy									64.6
Plaster 1 at Burton									71.0
Plaster 2 at Market									71.3
Buck Creek at Chicago Drive									68.6
Deer Creek									67.7
Coldbrook Storm Drain									0.0

**Time** (hh:mm)  
**Temperature** (°C)  
**DO:** Dissolved Oxygen (mg/L)  
**pH** (pH units)  
**BOD:** 5-day Biochemical Oxygen Demand (mg/L)  
**TSS:** Total Suspended Solids (mg/L)  
**FC:** Fecal Coliform (#FC/100ml)  
**EC:** E.coli (#EC/100ml)  
**Chloride** (mg/L)  
**Conductivity** (µS/cm)  
**TP:** Total Phosphorous (mg/L)  
**NH3-N:** Ammonia as nitrogen (mg/L)  
**NO2-N:** Nitrite as nitrogen (mg/L)  
**NO3-N:** Nitrate as nitrogen (mg/L)  
**Cr:** Total Chromium (ug/L)  
**Cu:** Total Copper (ug/L)  
**Fe:** Total Iron (ug/L)  
**Hg:** Total Mercury (ug/L)  
**Ni:** Total Nickel (ug/L)  
**Ag:** Total Silver (ug/L)  
**Zn:** Total Zinc (ug/L)  
**Hardness** (mg/L as CaCO<sub>3</sub>)  
**WQI:** Water Quality Index (percent)

**QUARTERLY RIVER SURVEY REPORT**

**August 15, 2023**

**CITY OF GRAND RAPIDS EPSD**

**River Survey Report**

<i>Grand River</i>	Time	Temp	DO	pH	BOD	TSS	FC	EC	Chloride	Cond	TP	NH3-N	NO2-N	NO3-N
2023-1255-01 Northland Drive Bridge (250120)	10:05	21.9	7	8	<2	4.3	276		41		<0.05			1.1
2023-1255-02 Wealthy Street Bridge (250090)	10:41	21.4	8.1	8.2	<2	3.9	649		46		<0.05			1.1
2023-1255-03 Railroad Bridge South (250070)	10:51	20.9	8.22	8.1	<2.0	22	>2419.6		47		0.09			1.01
2023-1255-04 Railroad Bridge North (250071)	10:46	21.2	8.27	8.1	<2.0	10.7	2420		51		0.08			1.16
2023-1255-05 M-11, Wilson Avenue (250062) Eastmanville (250040)	10:30	21.2	8.38	8.1	<2.0	11.6	>2419.6		51		0.08			1.2

<i>Streams</i>	Time	Temp	DO	pH	BOD	TSS	FC	EC	Chloride	Cond	TP	NH3-N	NO2-N	NO3-N
Rogue River at West River Drive														
2023-1255-08 Mill Creek at West River Drive	09:20	16.8	8.7	8.2	3.1	104	>2419.6		35		0.26			1.25
2023-1255-09 Indian Mill Creek at Turner Avenue Silver Creek at Croften/Roy	09:03	17.7	8.3	7.8	2.8	40.9	>2419.6		38		0.17			0.93
2023-1255-11 Plaster 1 at Burton	08:26	19.6	7.46	7.8	3.9	127.2	>2419.6		52		0.29			0.6
2023-1255-12 Plaster 2 at Market	08:24	19.7	7.6	7.8	4.3	125.2	24070		39		0.28			0.44
2023-1255-13 Buck Creek at Chicago Drive	08:58	19.2	7	7.6	3	23.6	>2419.6		27		0.11			0.46
2023-1255-14 Deer Creek Coldbrook Storm Drain	09:56	18.8	7.5	8.1	2.5	51.5	>2419.6		44		0.28			1.31

\_\_\_\_\_ **Miscellaneous Information** \_\_\_\_\_

Weather Conditions:  
Field Technicians:

\_\_\_\_\_ **Test Descriptions** \_\_\_\_\_

<i>Grand River</i>	Cr	Cu	Fe	Hg	Ni	Ag	Zn	Hard	WQI
Northland Drive Bridge (250120)									72.1
Wealthy Street Bridge (250090)									69.5
Railroad Bridge South (250070)									65.1
Railroad Bridge North (250071)									65.2
M-11, Wilson Avenue (250062)									65.2
Eastmanville (250040)									0.0

<i>Streams</i>	Cr	Cu	Fe	Hg	Ni	Ag	Zn	Hard	WQI
Rogue River at West River Drive									0.0
Mill Creek at West River Drive									59.6
Indian Mill Creek at Turner Avenue									62.9
Silver Creek at Croften/Roy									55.9
Plaster 1 at Burton									61.2
Plaster 2 at Market									53.4
Buck Creek at Chicago Drive									63.4
Deer Creek									60.7
Coldbrook Storm Drain									0.0

**Time** (hh:mm)  
**Temperature** (°C)  
**DO:** Dissolved Oxygen (mg/L)  
**pH** (pH units)  
**BOD:** 5-day Biochemical Oxygen Demand (mg/L)  
**TSS:** Total Suspended Solids (mg/L)  
**FC:** Fecal Coliform (#FC/100ml)  
**EC:** E.coli (#EC/100ml)  
**Chloride** (mg/L)  
**Conductivity** (µS/cm)  
**TP:** Total Phosphorous (mg/L)  
**NH3-N:** Ammonia as nitrogen (mg/L)  
**NO2-N:** Nitrite as nitrogen (mg/L)  
**NO3-N:** Nitrate as nitrogen (mg/L)  
**Cr:** Total Chromium (ug/L)  
**Cu:** Total Copper (ug/L)  
**Fe:** Total Iron (ug/L)  
**Hg:** Total Mercury (ug/L)  
**Ni:** Total Nickel (ug/L)  
**Ag:** Total Silver (ug/L)  
**Zn:** Total Zinc (ug/L)  
**Hardness** (mg/L as CaCO<sub>3</sub>)  
**WQI:** Water Quality Index (percent)



**QUARTERLY RIVER SURVEY REPORT**

**October 10, 2023**

**CITY OF GRAND RAPIDS EPSD**

<b>Grand River</b>	<b>Time</b>	<b>Temp</b>	<b>DO</b>	<b>pH</b>	<b>BOD</b>	<b>TSS</b>	<b>FC</b>	<b>EC</b>	<b>Chloride</b>	<b>Cond</b>	<b>TP</b>	<b>NH3-N</b>	<b>NO2-N</b>	<b>NO3-N</b>
2023-1591-01 Northland Drive Bridge (250120)	09:50	13.1	9.1	8.2	<2	3.3	61		49		0.06			1.72
2023-1591-02 Wealthy Street Bridge (250090)	10:20	13.2	9.6	8.2	<2	3	69		54		0.05			1.84
Railroad Bridge South (250070)														
2023-1591-04 Railroad Bridge North (250071)	11:19	13.2	9.37	8.3	<2	2.6	86		59		0.06			2.03
2023-1591-05 M-11, Wilson Avenue (250062)	10:52	13.2	9.44	8.3	<2	3.2	110		60		0.06			1.89
Eastmanville (250040)														

<b>Streams</b>	<b>Time</b>	<b>Temp</b>	<b>DO</b>	<b>pH</b>	<b>BOD</b>	<b>TSS</b>	<b>FC</b>	<b>EC</b>	<b>Chloride</b>	<b>Cond</b>	<b>TP</b>	<b>NH3-N</b>	<b>NO2-N</b>	<b>NO3-N</b>
Rogue River at West River Drive														
2023-1591-08 Mill Creek at West River Drive	09:11	9.9	10.4	8.7	<2	<2.0	186		53		<0.05			1.3
2023-1591-09 Indian Mill Creek at Turner Avenue	08:54	10.9	9.7	8.1	<2	<2.0	361		106		<0.05			1.68
Silver Creek at Croften/Roy														
2023-1591-11 Plaster 1 at Burton	08:45	11.4	9.39	7.9	<2	4.5	727		118		0.06			0.97
2023-1591-12 Plaster 2 at Market	10:30	11.4	9.8	8	<2	3.6	613		126		0.05			1
2023-1591-13 Buck Creek at Chicago Drive	09:08	11.5	9.43	8.1	<2	4	579		132		<0.05			0.89
2023-1591-14 Deer Creek	10:16	10.5	8.13	7.5	<2.0	6.8	387		48		0.14			1.45
Coldbrook Storm Drain														

\_\_\_\_\_ **Miscellaneous Information** \_\_\_\_\_

Weather Conditions:  
Field Technicians:

\_\_\_\_\_ **Test Descriptions** \_\_\_\_\_

<b>Grand River</b>	<b>Cr</b>	<b>Cu</b>	<b>Fe</b>	<b>Hg</b>	<b>Ni</b>	<b>Ag</b>	<b>Zn</b>	<b>Hard</b>	<b>WQI</b>
Northland Drive Bridge (250120)									77.1
Wealthy Street Bridge (250090)									77.0
Railroad Bridge South (250070)									0.0
Railroad Bridge North (250071)									75.3
M-11, Wilson Avenue (250062)									74.7
Eastmanville (250040)									0.0

<b>Streams</b>	<b>Cr</b>	<b>Cu</b>	<b>Fe</b>	<b>Hg</b>	<b>Ni</b>	<b>Ag</b>	<b>Zn</b>	<b>Hard</b>	<b>WQI</b>
Rogue River at West River Drive									0.0
Mill Creek at West River Drive									71.2
Indian Mill Creek at Turner Avenue									70.0
Silver Creek at Croften/Roy									63.0
Plaster 1 at Burton									68.9
Plaster 2 at Market									69.4
Buck Creek at Chicago Drive									69.5
Deer Creek									69.6
Coldbrook Storm Drain									0.0

**Time** (hh:mm)  
**Temperature** (°C)  
**DO:** Dissolved Oxygen (mg/L)  
**pH** (pH units)  
**BOD:** 5-day Biochemical Oxygen Demand (mg/L)  
**TSS:** Total Suspended Solids (mg/L)  
**FC:** Fecal Coliform (#FC/100ml)  
**EC:** E.coli (#EC/100ml)  
**Chloride** (mg/L)  
**Conductivity** (µS/cm)  
**TP:** Total Phosphorous (mg/L)  
**NH3-N:** Ammonia as nitrogen (mg/L)  
**NO2-N:** Nitrite as nitrogen (mg/L)  
**NO3-N:** Nitrate as nitrogen (mg/L)  
**Cr:** Total Chromium (ug/L)  
**Cu:** Total Copper (ug/L)  
**Fe:** Total Iron (ug/L)  
**Hg:** Total Mercury (ug/L)  
**Ni:** Total Nickel (ug/L)  
**Ag:** Total Silver (ug/L)  
**Zn:** Total Zinc (ug/L)  
**Hardness** (mg/L as CaCO<sub>3</sub>)  
**WQI:** Water Quality Index (percent)

**River Survey Report**

## 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:

City of Grand Rapids

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

Date	Article	PEP Topic
4/21/2023	Celebrate Earth Day! Clean up events – GR Connected Newsletter	Personal Actions
10/16/2023	Imagine a day without water – GR Connected Newsletter	General Watershed Awareness
10/16/2023	Keep storm drains clear – Adopt a Drain – News Outlet	Personal Actions

<https://www.fox17online.com/news/local-news/grand-rapids/city-of-grand-rapids-keep-leaves-away-from-storm-drains>

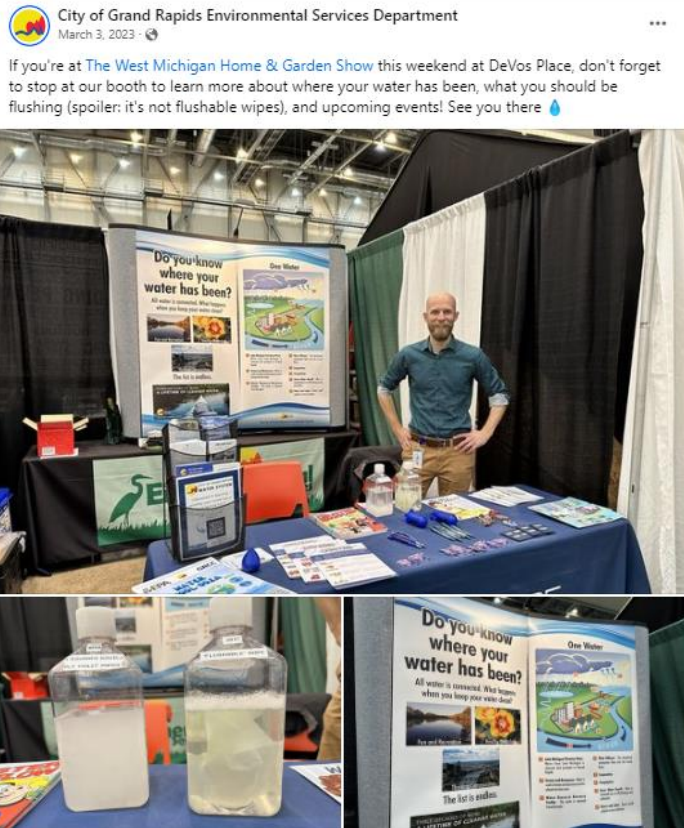
The screenshot shows a news article on the FOX 17 website. The article title is "City of Grand Rapids: Keep leaves away from storm drains". The main image is a pumpkin bucket filled with leaves. A sidebar on the right says "Don't rake leaves into the street". Below the article is a "Be the hero of a child's story" donation button for FOX 17.

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

Event Date: March 2-5, 2023

Event Location: DeVos Place Convention Center

Hosted booth at Home and Garden Show over a 4 day period talking environmentally issues



☒ 3. 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>
Landscape Services	Catch Basin – Only rainwater in the drain
Plow Services	Road salt runoff

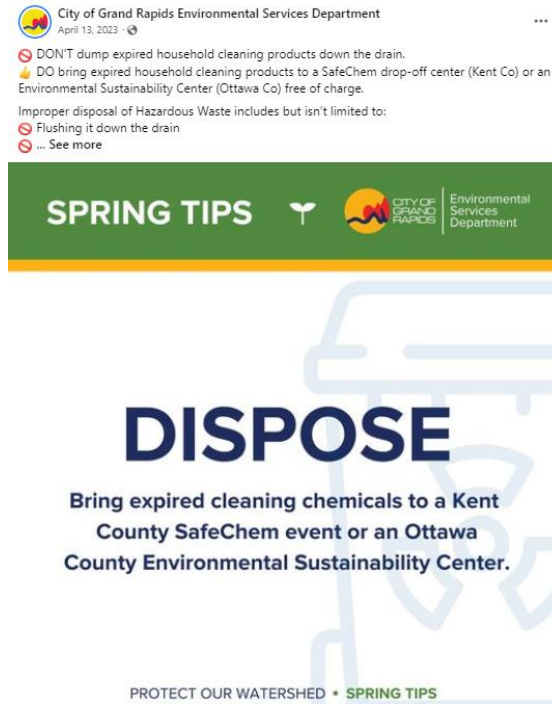
☒ 4. Share household hazardous waste reduction information with residents via Community's social media, newsletter, or website

Date shared: 4/13/2023

Location shared: Facebook/Instagram

Social Media Post Reach: 3.6K Facebook, 3.3K Instagram

Social Media Post Engagement: 223



☒ 5. Distribute giveaway items for selected PEP categories

Item	# Distributed	Item	# Distributed
Troutie Coloring Book	<u>200</u>	LGROW Brochure Spanish	<u>11</u>
LGROW Colored Pencils	<u>213</u>	AAD Tip Cards	<u>43</u>
Pet Waste Bag Dispenser	<u>100</u>	Septic Smart Brochures	<u>5</u>
LGROW Foldable Bags	<u>83</u>	Septic Smart Brochures Spanish	
LGROW Brochure English	<u>35</u>	Make your home the solution to stormwater pollution English	
Make your home the solution to stormwater pollution Spanish		EPA Stormwater Smart Construction in your Neighborhood	<u>4</u>
EPA Stormwater Smart Restaurants	<u>6</u>	EPA Stormwater Smart Parking Lots	<u>3</u>
EPA Stormwater Smart Lawn Care	<u>31</u>	EPA Stormwater Smart Auto Shops	<u>3</u>
EPA Stormwater Smart Construction Sites	<u>19</u>	Landscaping for Water Quality	<u>54</u>
LGROW Tip Cards	<u>13</u>	GR Environmental Tip Cards	<u>37</u>

## Other Activities

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

*Cleanup Date: 4/23/2023*

*Cleanup Location: Plaster Creek Family Park*



*Cleanup Date: 9/9/2023-9/16/2023*

*Cleanup Location: Numerous sites throughout the watershed*



*500+ Volunteers*

## ☒ 7. Join or Promote Adopt a Drain Program

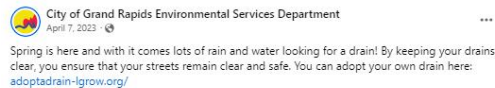
*Date(s) of program promotion: 2/9, 4/7, 4/11, 4/26, 9/23, 10/16, 10/26, 10/30, 12/21*

*Method of program promotion: Social media, news article*

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

**Facebook reach: 17,014 Post Engagement: 152**

**Instagram reach: 4,314 Post Engagement: 327**



<https://www.grandrapidsmi.gov/Our-City/News-Media/Leaves-are-falling-Please-keep-them-away-from-storm-drains>

[Home](#) / [Leaves are falling; Please keep them away from storm drains](#)

## Leaves are falling; Please keep them away from storm drains

Published on October 16, 2023

**GRAND RAPIDS, Mich.** – As leaves begin to fall this season, the City of Grand Rapids is reminding residents to be aware of catch basins, more commonly known as storm drains, when removing leaves from their yards.

Catch basins are storm sewer inlets designed to collect water during storm events; there are 17,000 of them across Grand Rapids. They are designed to filter out debris that would otherwise end up in the river. These basins are generally located next to street curbs, or in yards of residential areas and, while they generally catch large objects of debris, they are prone to becoming blocked with the leaves that invade our yards each fall. This can lead to unnecessary and unwelcome street flooding. On average, and as part of a 5-year rotation effort, City crews clean 4,000 of the 17,000 catch basins annually. Residents can help in the prevention of street flooding by ensuring that their leaf raking (or blowing) efforts do not result in the blocking of the catch basins in their neighborhoods. [CLICK HERE](#) for some options for leaf removal offered by the City.

As part of their efforts to encourage residents to keep catch basins free of leaves and other debris, the City's Department of Environmental Services (ESD) partners with the Lower Grand Rapids Organization of Watersheds (LGROW), an organization whose mission includes promoting and protecting the Grand River. LGROW also coordinates a regional year-round *Adopt-A-Drain* program, which encourages residents to take proactive action in their own neighborhoods "to protect the environment, manage stormwater, and minimize flooding." Information on this program can be found [here](#).

Residents are encouraged to follow ESD on [Facebook](#) for regular updates and important announcements.





City of Grand Rapids Environmental Services Department updated their cover photo.  
December 5, 2023 · 🌐

Clearing catch basins helps to keep the streets from flooding. You can adopt your own here:  
<https://www.adoptadrain-igrow.org/>



**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:*

Teacher Name & Contact Information	School District
Cityside Middle School – Career Day – Environmental	Zeeland Public Schools (12/8/23)

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

*Provide Social Media Metrics (Post Reach, Post Engagement): Reach 1,148 Engagement 32*



**10. Share social media posts provided by LGROW**

Date	Post Title/ PEP Topic	Social Media Type
3/6/2023	Value of Partnerships – MS4 General watershed awareness	Both
3/10/2023	Spring Tips – General watershed awareness, Personal actions	Both
6/7/2023	LGROW Spring Forum – General watershed awareness	Both
6/29/2023	Conserve, Dispose, Measure, Replace – General watershed awareness, Personal actions, waste management assistance	Both

## 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.

- Promotion of LGROW Adopt-a-Drain program partnership with local artists to media outlets.
- Water Pool-ooza February 25 and March 11



- The West Michigan Home & Garden Show March 2 – March 5



- Water Career Camp, in partnership with Grand Rapids Community College (EPA Grant funded) 7/27-8/10.





- LGROW Whitecaps Event – Dog Night – Pet Waste Bag Giveaways



- Grand Rapids Community Master Plan Update – 5/18/23, 11/16/23  
(Incorporating Green Infrastructure, Climate Resiliency into Master Plan)



- Commission Night Out – June and October – Engage with Community on Environmental Topics  
at City Commission Meetings in Community

