

KCDC 2022 MS4 Progress Report

General information

Were any new municipal facilities added to your jurisdiction in 2022 that have stormwater infrastructure?

See the attached 2022 Outfall/ Discharge List. No separate permit request made to EGLE to include these because they are included in the 2023 permit reapplication.

NEW:

GNS 29.01 DC	Preservation Lakes
BYN 22.14 DC	Marlo Farms
PLN 31.02 DC	EASTERN MEADOWS
GNS 10.04 DC	Hoffman Meadows

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.

- 1) 10599 Byron Center Ave – Notice of Intent to Condemn. Coordination between EGLE, Health Department, Byron Township and Drain Office. A dwelling with an illegal septic was located on our drain easement and determined to be a threat to public health. Letter attached.
- 2) Arrowhead Golf Course, 2320 Alden Nash, through Health Department coordinated a review of a septic replacement that was adjacent to McGee Drain. Permit was issued for replacement.

Illicit Discharges

How many illicit discharges were detected in 2022? **1**

Explain each illicit discharge and action taken to investigate/clean up each discharge: **4243**

Remembrance RD – ink discharge into Worden Drain. City of Walker took action to contact Plumbers for cleanup. Spill Report to EGLE was issued by Walker, Rachell Nagorsen. More details are in the City of Walker progress report.

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? **6**

Were any maintenance agreements signed? **NO**

How are you tracking signed maintenance agreement requirements?

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? In 2022, 24 yard basins were inspected. Please see Plummer invoices attached.

In 2021, 654 yard basins were inspected with intern.

Road Work

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

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, Salt application uses metered dispensers.**

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. Vehicle washing attached to sanitary system.

Training

Was any other training completed besides Nov. 1 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.)

-Attended the LGROW Spring Forum on 5.20.2022

- Attended Soil Erosion and Sedimentation Control Plan Review and Design Virtual Refresher Training on January 10-12, 2023



KENT COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION
700 FULLER AVE NE
GRAND RAPIDS, MICHIGAN 49503-1918
PH: 616-632-6900
EMAIL: kcehmail@kentcountymi.gov

Adam London, PhD, RS, DAAS
Administrative Health Officer

February 6, 2023

Kelby Nielsen
10599 Byron Center Ave SW
Byron Center MI 49315

**RE: Notice of Intent to Condemn
10599 Byron Center Ave SW
Byron Township**

Dear Mr. Nielsen,

On August 25, 1999, this office received a Vacant Land Evaluation application from Kris Nielson for the property known as 10625 Byron Center Avenue SW located in Byron Center Township. The purpose of this service is to determine whether the site meets the requirements of the *Sewage Regulations for Kent County* for the installation of an onsite sewage disposal system. This was an evaluation of 45.7 acres which included borings on the 1-acre property known to today as 10599 Byron Center Avenue SW. Borings performed by this office in 1999 found high seasonal water table, slow soil permeability and poor drainage. It was not approved for the installation of an onsite sewage disposal system.

On December 5, 2022, the Kent County Health Department (KCHD) performed a site visit at 10599 Byron Center Ave SW in Byron Township with Kent County Drain Commission (KCDC) and Byron Township personnel. This is the same 1-acre property that did not meet the site suitability criterion for an onsite wastewater system in 1999. During the site visit, it was observed that a dwelling had been unlawfully constructed without a building permit from Byron Township nor septic system or water supply permits from the Kent County Health Department. It was communicated to this office that this is a four bedroom dwelling.

This dwelling is currently connected to an illegally installed single, 1,060-gallon septic tank there is no known drainage area connected to this system. This tank is located less than 50 feet from nearby surface waters and within a KCDC easements. A 4" steel well was also drilled illegally on the property. A well record for this well was not submitted to KCHD or the Michigan Department of Environment, Great Lakes, and Energy (EGLE) as required by *Part 127 of Public Act 368 of 1978 as amended*. The construction of the well and its components are unknown. The well depth is unknown too. It cannot be assured that it meets the existing legal depth requirement.

To find an alternative solution for this four-bedroom dwelling, a residential site evaluation was performed on December 20, 2022 to determine if onsite soils were acceptable for a septic system.



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ENVIRONMENTAL HEALTH DIVISION
700 FULLER AVE NE
GRAND RAPIDS, MICHIGAN 49503-1918
PH: 616-632-6900
EMAIL: kcehmail@kentcountymi.gov

Adam London, PhD, RS, DAAS
Administrative Health Officer

KCHD observed that the conditions on the property did not meet minimum criteria for on-site sewage disposal system or alternative treatment due to horizontal isolation distance to surface water, flooding potential, high season groundwater table, and slow soil permeability and poor drainage.

The presence of the illegally constructed dwelling poses a threat to public health and the environment. Therefore, the KCHD is issuing a notice of the intent to condemn this property as unfit for human habitation per the following provisions:

- *Sewage Disposal Regulations for Kent County, MI, Article III. 301, 302, 303, 501.1, 501.3 and Article VI. 601.1*
- *Water Supply Regulations for Kent County, MI, Section 5.0, 7.0*
- *Housing Regulations for Kent County, MI, Article III. 301, 302, 303, 402, 603*
- *Rules for the Control of Public Health Nuisances for Kent County, MI, Article III. 301*

The dwelling is to be vacated by no later than March 13, 2023. After March 13th, the dwelling will be placarded as condemned for human habitation. Occupancy of the dwelling without prior approval of KCHD is prohibited. Please contact me at 616-240-5039 with any questions.

Sincerely,

A handwritten signature in black ink that reads "Brendan M. Earl".

Brendan Earl
Supervising Sanitarian
Kent County Health Department

CC. Ken Yonker, Kent County Drain Commission
Amos Tillema, Byron Township
Sara Simmonds, Kent County Health Department
Meghan Gavin, Kent County Health Department
Jason Buck, Kent County Health Department
Cory Brown, EGLE

MS4 Community Annual PEP Checklist

This document outlines your community's required activities for the 2022 Reporting Period. Check the box for each action as you complete it and provide supporting documentation where indicated. The 2022 PEP Focus Areas is: Ultimate stormwater discharge location and potential impacts

Community Name: Kent County Drain Commissioner and Administration

i. **Priority Activities:** Ultimate stormwater discharge location and potential impacts

- 1. Ensure Community website links to the LGROW website (www.LGROW.org)**

https://www.accesskent.com/Departments/DrainCommissioner/stormwater.htm

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

Name of newsletter/news outlet: Newsletter/news outlet Name

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: 1/27/2022

Event Location: City of Walker- Board of Determination for Walker No 4 drain

***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 a separate social media report for #'s 2 & 5 if you have additional posts to report)**

Date shared: Click or tap to enter a date.

Location shared: Choose an item.

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:** Link to community website.

- 6. Distribute giveaway items for selected PEP categories**

Item	# Distributed	Item	# Distributed
LGROW Chapstick	#	Watershed Brochure	#
LGROW Pen	20	Adopt a Drain Tip Cards	#
LGROW Dishcloth	#	Septic Smart Brochures	#
WMEAC Coloring Book	5	EPA Stormwater Solution Brochure	#
Troutie Coloring Book	5	Landscaping for Water Quality	#

LGROW Colored Pencils	<u>10</u>	Reminder to Residents brochure	<u>20</u>
Pet Waste Bag Dispenser	#	Detention Basin/Yard Basin Brochures	<u>20</u>

Other Activities

7. Cohost a GSI/Green Infrastructure workshop for Community members with LGROW
Workshop Date: Click or tap to enter a date.
Workshop Location: Click or tap here to enter text.
of Attendees: Click or tap here to enter text.
***Attach a copy of workshop sign-in sheets or photos**
8. Host, participate in, or support a stream cleanup effort
Cleanup Date: 6/16/2022
Cleanup Location: Plaster Creek at Liesure Creek Condo – Planting Sedges for Plaster Creek Stewards
of Volunteers: 50
***Attach a copy of volunteer sign-in sheets or photos**
9. Mark storm drains or host/support storm drain marking events
Storm Drain Marking Event Date: Click or tap 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: Click or tap here to enter text.
Method of program promotion: Click or tap here to enter text.
Social Media Metrics (Post Reach, Post Engagement): Click or tap here to enter text.
***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 or tap to enter a date.
Location of presentation: Click or tap here to enter text.
of Students Reached:
12. Implement EPA SepticSmart Social Media Guide during SepticSmart Week
Provide Social Media Metrics (Post Reach, Post Engagement): Click or tap here to enter text.

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.

Drain Office at public hearings provide handouts on Stormwater for PEP. Some dates include:

April 14, 2022

March 23, 2022

May 26, 2022

June 7, 2022

August 18, 2022

July 25, 2022

BUFFER STRIP PROGRAM

KENT COUNTY DRAIN COMMISSIONER

What is a Buffer Strip?

A buffer strip is a vegetative strip along a drain that helps filter sediment, pesticides, and nutrients before water reaches the drain.

What is the Buffer Strip Program?

The Kent County Drain Commissioner is committed to improving water quality and decreasing sediment in drains. The Buffer Strip Program provides a mechanism for landowners who contribute to this effort by planting buffer strips on their properties to receive reduced drain assessments.

Who can Participate in the Buffer Strip Program?

A landowner may participate in the Buffer Strip Program if:

- 1) He/she owns agricultural land in the Drainage District;
- 2) There is a petition project on the Drain;
- 3) He/she enters a Buffer Strip Agreement with the Drainage District; and
- 4) He/she implements and maintains an approved buffer strip on his/her property.



Ken Yonker
Kent County Drain Commissioner
775 Ball Ave NE
Grand Rapids, MI 49503
(616) 632-7910

What is an Approved Buffer Strip?

To qualify for the Program, a buffer strip must meet the requirements set out in the Buffer Strip Agreement and Plan. Generally, buffer strips must be a minimum of 15-feet wide, and bare ground may not be exposed. Both new and existing buffer strips can qualify for the Buffer Strip Program.

How Can the Buffer Strip Program Benefit Me?

Landowners who participate in the Buffer Strip Program will receive a reduced "land use factor" based on characteristics such as buffer strip size, parcel size, and buffer strip location. This factor is used to determine a reduced drain assessment for the participating landowner.

How Much will my Drain Assessment Decrease?

Buffer strip agreements must be signed before the drain project is bid. Therefore, the Drain Commissioner cannot calculate assessment reductions until after agreements are signed. Participating landowners will receive an estimated factor in their buffer strip agreements.

How can I get more information about the Buffer Strip Program?

Contact the Drain Office at (616) 632-7910 or by email at DRInfo@kentcountymi.gov for more information.

Contact Us

The Kent County Drain Commissioner's Office *encourages* residents to report anyone altering or dumping waste into waterways, easements, or drains so appropriate legal action can be taken.

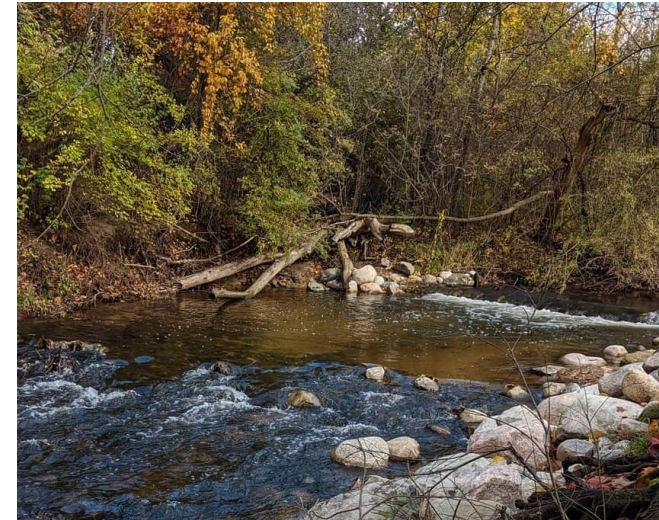


775 Ball Ave. NE
Grand Rapids, MI 49503

Phone: 616-632-7910
Email: DRinfo@kentcountymi.gov

Kent County Drain Commissioner's Office
775 Ball Ave. NE
Grand Rapids, MI 49503

REMINDER TO RESIDENTS



KEEP DRAINS, EASEMENTS, AND WATERWAYS CLEAR

When it rains, it drains.

WHAT IS A COUNTY DRAIN?

A county drain may be an open ditch, stream, underground pipe, retention pond, or swale that conveys stormwater. Not all drains are County Drains. Natural watercourses are under the jurisdiction of the State Inland Lakes and Streams. Most roadside ditches are under the jurisdiction of the Road Commission, but some along the road are County Drains.

ILLEGAL DUMPING COSTS MILLIONS



REMINDER: Dumping yard waste and household refuse in local waterways, easements, and drains increases the risk of severe flooding and harms sensitive aquatic ecosystems.

LANDOWNER RESPONSIBILITIES

In an effort to reduce flooding, local water pollution, and costs to homeowners we ask for your help in keeping Kent County Flowing. Drains not properly cared for by property owners increases the cost of maintenance to the County Drain Commissioner's Office which is assessed directly back to the property owner(s).

WHAT YOU CAN DO TO HELP

- Routine grounds maintenance such as mowing, brushing, and trash/debris removal. Ensure that drain systems and structures are kept free of yard waste (grass clippings, tree trimmings, leaves, etc.) or other obstructions that may block the flow of water.
- Reducing tree, shrub, and other growth within an easement.
- Driveway crossings and bridges need to be kept free of debris and maintained to prevent banks from eroding into the watercourse.
- Keep yard drains/catch basins free of debris before and after storm events.
- Keep drains and drainage easements easily accessible for maintenance and inspections
- **DO NOT** remove stumps, root masses, or trees on banks. Removal causes extreme erosion
- **DO NOT** apply pesticides and fertilizers several days before rain is forecasted. Use sparingly and always follow directions. Rain storms wash off the application and carry into waterways.
- **NEVER** dump pet waste, motor oil, paint chemicals, or other substances into a storm drain. Information about proper disposal of household hazardous waste is available at **Kent County Public Works (616)632-7920**

WHAT IS AN EASEMENT?

Drainage easements are obtained for specific uses such as stormwater conveyance, stormwater detention, ponding, floodplain, or as access routes for operating, maintaining, or repairing county drains. Easement Widths vary from drain to drain depending on the drain's size and type. Some easements are of an unspecified width.

EASEMENT POLICY

- Drainage Easements are not to be considered public areas and are not open to the public.
- Property owners retain ownership but are restricted from building permanent structures that may interfere with or reduce drainage and/or temporary storage capacity. You may not impede on drain maintenance of surface or subsurface systems within the easement area. This includes swimming pools, patios/decks, fences, sheds/garages, etc.
- Easements obtained prior to 1956 were not required by law to be recorded with the County Register of Deed's Office and are considered properly recorded if they are on file in the County Water Resources Commissioner's Office. Easements Obtained after 1956 are required to be recorded at the Register of Deed's Office and are also on file at the Drain Commissioner's Office. **Check with both offices to determine if a drainage easement exists on your property.**
- No changes to the grade within a drainage easement will be allowed. Easements are for the passage of surface drainage and it is a property owner's responsibility to maintain the drainage system across their property. Altering the grade can severely impact drainage.



Social Media Report for Safe Septic Week 2022

(February 2, 2023) The Kent County Health Department participated in a social media campaign during the week of September 18 – 22, 2022 as part of Septic Smart Week. While the Kent County Health Department does operate other social media sites, Facebook was chosen as the main social media platform for this campaign simply because of the reach of the page. The Kent County Health Department's (KCHD) Facebook page has more than thirty thousand followers. It is the most trafficked social media site operated by any Public Health Agency in the State of Michigan. Posts were repeated on Instagram as well, however, the agencies Instagram following is much smaller the impressions made on Instagram were not considered for this report.

Content for the campaign was taken directly from the United States Environmental Protection Agency (EPA). The EPA provided a social media toolkit, and the contents of that kit were shared verbatim and without co-branding to the KCHD Facebook page and through the social media aggregating software Sprout Social, directly to Instagram as well.

KCHD Marketing and Communications Manager Steve Kelso prepared and trafficked the posts and prepared this report as well. Readers of this report who have questions can contact Steve Kelso at:

Steve.kelso@kentcountymi.gov

The following pages illustrate each day of the campaign and provide the impression metrics directly from Facebook.

In all, this campaign made more than 12 thousand impressions.

September 19, 2022



Kent County Health Department

Published by Sprout Social · September 19, 2022 ·



DVK 1 in 5 U.S. homes have #septic systems? Properly maintaining your septic system can safeguard your family's health, protect the environment, and save you money. Learn more at <https://www.epa.gov/septic>

Protect It and Inspect It!



Regular septic system maintenance can save homeowners thousands of dollars and protect public health. Learn more at www.epa.gov/septic.



See insights and ads

Boost post

9

2 shares

Like

Comment

Share

Post Insights



Total Insights

See more details about your post.



Post Impressions

3,616

Post reach

3,616

Post Engagement

37

September 20, 2022



Kent County Health Department

Published by Sprout Social · September 20, 2022 ·

#SepticSmart #QuickTip: Think at the Sink! What goes down your drain has a big impact on your #septicssystem. Get the scoop on #SepticSmart maintenance by visiting epa.gov/septic <https://youtu.be/flWoB2QtBvY>

Think at the Sink!

What goes down your drain has a big impact on your septic system. Avoid harsh chemicals and use cleaners/detergents in moderation. Learn more at www.epa.gov/septic.

EPA
United States Environmental Protection Agency

See insights and ads

Boost post

6

3 shares

Like

Comment

Share

Post Insights

Total Insights

See more details about your post.

Post Impressions

2,156

Post reach

2,149

Post Engagement

15

September 21, 2022



Kent County Health Department

Published by Sprout Social · September 21, 2022 ·

#SepticSmart #QuickTip: Don't Overload the Commode! Know what should and shouldn't go in your toilet and stay #SepticSmart at epa.gov/septic

Don't Overload the Commode!



A toilet is not a trashcan. Disposable diapers and wipes, feminine hygiene products, cigarette butts, cat litter and much more can damage your septic system. Learn more at www.epa.gov/septic.



See insights and ads

Boost post

6

1 share

Post Insights

Total Insights

See more details about your post.

Post Impressions

1,733

Post reach

1,716

Post Engagement

18

September 22, 2022

 **Kent County Health Department**
Published by Sprout Social · September 22, 2022 ·

#SepticSmart #QuickTip: Pump Your Tank! Get your #septicssystem pumped every 3-5 years to maintain its lifespan! Learn more at epa.gov/septic
<https://www.youtube.com/watch?v=-nXw5wsRJxY>

Pump Your Tank!



Ensure your septic tank is pumped at regular intervals as recommended by a professional and/or local permitting authority. Learn more at www.epa.gov/septic.






See insights and ads Boost post

👍 2

Post Insights

Total Insights
See more details about your post.

Post Impressions 	Post reach 	Post Engagement 
1,638	1,608	10

September 23, 2022



Kent County Health Department

Published by Sprout Social · September 23, 2022 ·



#SepticSmart #QuickTip: Don't Strain Your Drain! The more water you conserve, the less ends up in your septic tank. Learn more at [epa.gov/septic](https://www.epa.gov/septic)
<https://youtu.be/om4mwk5VGN0>

Don't Strain Your Drain!

Use water efficiently and stagger use of water-based appliances (such as a washing machine) to avoid a back up of your septic system into your house. Learn more at www.epa.gov/septic.

EPA
United States Environmental Protection Agency

septic smart
www.epa.gov/septic

See insights and ads

Boost post

5

Post Insights



Total Insights

See more details about your post.



Post Impressions

1,585

Post reach

1,571

Post Engagement

10

September 25, 2023

Kent County Health Department
Published by Sprout Social · September 25, 2022 ·

#SepticSmart #QuickTip: Keep it Clean! Test your drinking water well to keep your family healthy #CleanWater. Learn more at epa.gov/septic https://youtu.be/Tz6wx8kmr_A

Keep it Clean!



If you have a well, many things can contaminate your drinking water, such as a failing septic system. Test your well water regularly! Learn more at www.epa.gov/septic.



See insights and ads [Boost post](#)

5 1 share

Post Insights

Total Insights
See more details about your post.

Post Impressions	Post reach	Post Engagement
1,321	1,316	15

LGROW give-aways and informational material is available at public Board of Determination meetings:



Kent County Drain Commissioner

High Priority Facility Inspection

Corrections Facility (incl. Sheriff and Fleet Services) – 701 Ball Ave NE

Comprehensive site inspection to be completed once every 6 months

Staff Person Conducting Inspection: Scott Lee Date: 6/10/2022

DETENTION BASIN

Functioning properly? Yes No
Inlet blocked? Yes No
Outlet blocked? Yes No
Sediment accumulating? Yes No
Vegetation accumulating? Yes No
Erosion or slope instability? Yes No
Excessive tree growth? Yes No
Trash or debris? Yes No
Pollution (oils, gas, etc.)? Yes No
Maintenance required? Yes No

Scheduled on: Click or tap to enter a date.
or n/a

Completed on: Click or tap to enter a date.
or n/a

Maintenance description:

Click or tap here to enter text.

CONSTRUCUTED WETLAND

Sediment > 50% of forebay? Yes No
Forebay in good condition? Yes No
Invasive or nuisance species? Yes No
Large trees or shrubs? Yes No
Additional plantings needed? Yes No
Outlet obstructed ? Yes No
Trash or debris present? Yes No
Erosion occurring? Yes No
Maintenance required? Yes No

Scheduled on: Click or tap to enter a date.or
n/a

Completed on: Click or tap to enter a date. or
n/a

Maintenance description:

Click or tap here to enter text.

VEGETATIVE SWALE 1

Sediment over 2"? Yes No
Standing water? Yes No
Flow spreader clogged? Yes No
Poor vegetative growth? Yes No
Excessive vegetation? Yes No
Inlet/outlet clogged? Yes No
Trash or debris present? Yes No
Erosion occurring? Yes No
Maintenance required? Yes No
Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

Maintenance description: Click or tap here to enter text.

VEGETATIVE SWALE 3

Sediment over 2"? Yes No
Standing water? Yes No
Flow spreader clogged? Yes No
Poor vegetative growth? Yes No
Excessive vegetation? Yes No
Inlet/outlet clogged? Yes No
Trash or debris present ? Yes No
Erosion occurring? Yes No
Maintenance required? Yes No
Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

Maintenance description: Click or tap here to enter text.

VEGETATIVE SWALE 2

Sediment over 2"? Yes No
Standing water? Yes No
Flow spreader clogged? Yes No
Poor vegetative growth? Yes No
Excessive vegetation? Yes No
Inlet/outlet clogged? Yes No
Trash or debris present? Yes No
Erosion occurring? Yes No
Maintenance required? Yes No
Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

Maintenance description: Click or tap here to enter text.

VEGETATIVE SWALE 4

Sediment over 2"? Yes No
Standing water? Yes No
Flow spreader clogged? Yes No
Poor vegetative growth? Yes No
Excessive vegetation? Yes No
Inlet/outlet clogged? Yes No
Trash or debris present? Yes No
Erosion occurring? Yes No
Maintenance required? Yes No
Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

Maintenance description: Click or tap here to enter text.

CATCH BASINS

Are catch basins functioning as designed? Yes No

STREET SWEEPING

Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

SPILLS (Note any history of spills since last inspection, and corrective actions at the facility):

Click or tap here to enter text.

NOTES:

Click or tap here to enter text.

CATCH BASIN INSPECTION FORM

Inspection to be completed once every 2 years. 25 catch basins onsite need to be inspected, and then cleaned if sump is 70% (or greater) full.

Staff Person Conducting Inspection: Scott Lee

Date: 6/10/2022

Basin Location: South (1-6)

Basin Location: West (7-11)

Trash or debris present? Yes No
Sediment accumulating? Yes No
Exterior structural damage? Yes No
Interior structural damage? Yes No
Settlement/misalignment? Yes No
Vegetation? Yes No
Pollution (paint, oil, gas)? Yes No
Missing/damaged cover/grate? Yes No
Unsafe ladder rungs? Yes No
Maintenance required? Yes No
Scheduled on: __/__/____ or n/a
Completed on: __/__/____ or n/a

Trash or debris present? Yes No
Sediment accumulating? Yes No
Exterior structural damage? Yes No
Interior structural damage? Yes No
Settlement/misalignment? Yes No
Vegetation? Yes No
Pollution (paint, oil, gas)? Yes No
Missing/ damaged cover/grate? Yes No
Unsafe ladder rungs? Yes No
Maintenance required? Yes No
Scheduled on: __/__/____ or n/a
Completed on: __/__/____ or n/a

Maintenance description: Click or tap here to enter text.

Maintenance description: Click or tap here to enter text.

Basin Location: North (12-18)

Basin Location: East (19-25)

Trash or debris present? Yes No
Sediment accumulating? Yes No
Exterior structural damage? Yes No
Interior structural damage? Yes No
Settlement/misalignment? Yes No
Vegetation? Yes No
Pollution (paint, oil, gas)? Yes No
Missing/damaged cover/grate? Yes No
Unsafe ladder rungs? Yes No
Maintenance required? Yes No
Scheduled on: __/__/____ or n/a
Completed on: __/__/____ or n/a

Trash or debris present? Yes No
Sediment accumulating? Yes No
Exterior structural damage? Yes No
Interior structural damage? Yes No
Settlement/misalignment? Yes No
Vegetation? Yes No
Pollution (paint, oil, gas)? Yes No
Missing/damaged cover/grate? Yes No
Unsafe ladder rungs? Yes No
Maintenance required? Yes No
Scheduled on: __/__/____ or n/a
Completed on: __/__/____ or n/a

Maintenance description: Click or tap here to enter text.

Maintenance description: Click or tap here to enter text.

Comments: All units are working as designed.

Kent County Drain Commissioner

High Priority Facility Inspection

Corrections Facility (incl. Sheriff and Fleet Services) – 701 Ball Ave NE

Comprehensive site inspection to be completed once every 6 months

Staff Person Conducting Inspection: Cara Decker Date: 11/17/2022

DETENTION BASIN

Functioning properly?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Inlet blocked?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Outlet blocked?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Sediment accumulating?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Vegetation accumulating?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Erosion or slope instability?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Excessive tree growth?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Trash or debris?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Pollution (oils, gas, etc.)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Maintenance required?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Scheduled on: Click or tap to enter a date.
or n/a

Completed on: Click or tap to enter a date.
or n/a

Maintenance description:

Never wet, seeking alternative options for native plantings in this area

CONSTRCUTED WETLAND

Sediment > 50% of forebay?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Forebay in good condition?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Invasive or nuisance species?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Large trees or shrubs?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Additional plantings needed?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Outlet obstructed ?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Trash or debris present?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Erosion occurring?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Maintenance required?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Scheduled on: Click or tap to enter a date.or
n/a

Completed on: Click or tap to enter a date. or
n/a

Maintenance description:

Click or tap here to enter text.

Inspection completed by Scott Lee
11-3-2022

VEGETATIVE SWALE 1

Sediment over 2"? Yes No
Standing water? Yes No
Flow spreader clogged? Yes No
Poor vegetative growth? Yes No
Excessive vegetation? Yes No
Inlet/outlet clogged? Yes No
Trash or debris present? Yes No
Erosion occurring? Yes No
Maintenance required? Yes No
Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

Maintenance description: Click or tap here to enter text.

VEGETATIVE SWALE 3

Sediment over 2"? Yes No
Standing water? Yes No
Flow spreader clogged? Yes No
Poor vegetative growth? Yes No
Excessive vegetation? Yes No
Inlet/outlet clogged? Yes No
Trash or debris present ? Yes No
Erosion occurring? Yes No
Maintenance required? Yes No
Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

Maintenance description: Click or tap here to enter text.

CATCH BASINS

Are catch basins functioning as designed? Yes No

STREET SWEEPING

Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

SPILLS (Note any history of spills since last inspection, and corrective actions at the facility):

Click or tap here to enter text.

NOTES:

Click or tap here to enter text.

VEGETATIVE SWALE 2

Sediment over 2"? Yes No
Standing water? Yes No
Flow spreader clogged? Yes No
Poor vegetative growth? Yes No
Excessive vegetation? Yes No
Inlet/outlet clogged? Yes No
Trash or debris present? Yes No
Erosion occurring? Yes No
Maintenance required? Yes No
Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

Maintenance description: Click or tap here to enter text.

VEGETATIVE SWALE 4

Sediment over 2"? Yes No
Standing water? Yes No
Flow spreader clogged? Yes No
Poor vegetative growth? Yes No
Excessive vegetation? Yes No
Inlet/outlet clogged? Yes No
Trash or debris present? Yes No
Erosion occurring? Yes No
Maintenance required? Yes No
Scheduled on: Click or tap to enter a date. or n/a
Completed on: Click or tap to enter a date. or n/a

Maintenance description: Click or tap here to enter text.

2022 Kent County Drain Commissioner Stormwater Progress Report
 Kent County Facilities

Parking Lot 601/617 Ottawa Ave NW				
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	4 year	Vactor as needed per inspection	New Lot as of 2020. No maintenance required at this time.	Performing as intended
1000 gallon underground infiltration basin.	3 year	Vactor as needed per inspection,	No maintenance required at this time	Performing as intended
Human Services Facility 121 Franklin St., Grand Rapids, MI 49507				
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 Basins	5 year	Vactor as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Underground Detention System: 5 ft ADS Pipe, 5 laterals, 2 headers.	5 year	Repair as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Baysaver	6 month	Per manufacture guidance as needed per inspection	Inspected as required.	Performing as intended
Trench Drain	3 year	Vactor or w hand tools as needed per inspection	Cleaned with hand tools June 2019.	Performing as intended.
Porous Asphalt Pavement	1 year	Vacuum sweep quarterly	April 2022 last completed.	Performing as intended
Perforated storm sewer from roof drain	4 year	Vactor as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Open bottom drainage structures	3 year	Vacuum & jet bottom as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Stormwater runoff release area	4 year	Replace stone & fabric if clogged as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.

2022 Kent County Drain Commissioner Stormwater Progress Report
 Kent County Facilities

Storm manhole with high-low weir.	5 year	Vactor as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Juvenile Detention Center 1445/1501 Cedar St.				
Structural Storm Water Control	Inspection Frequency	Maintenance Schedule	Inspection and Maintenance Conducted and Location of Log (if applicable)	Effectiveness of Control and Support Documentation
Stormwater Detention Pond	4 year	Remove sediment as needed per inspection	Inspected May 2019. No maintenance required.	Performing as intended.
Catch Basin	5 year	Vactor as needed per inspection	Inspected May 2019. No maintenance required.	Performing as intended.

63RD District Court 1950 East Beltline NE				
Structural Storm Water Control	Inspection Frequency	Maintenance Schedule	Inspection and Maintenance Conducted and Location of Log (if applicable)	Effectiveness of Control and Support Documentation
Bio Filtration Area	5 year	Sediment removal as needed per inspection	Inspected in June 2019. Removed debris.	Performing as intended.
Bio Filtration Sediment Swale	5 year	Sediment removal as needed per inspection	Inspected June 2019. Removed debris.	Performing as intended.
Cobblestone Check Dam & Downspout	4 year	Restore if necessary as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Yard Drains w 2 ft sumps.	5 year	Vactor as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Catch Basins w 2 ft sumps	5 year	Vactor as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Pretreatment Basin	3 year	Sediment removal as needed per inspection	June 2019. Removed debris.	Performing as intended.

2022 Kent County Drain Commissioner Stormwater Progress Report
 Kent County Facilities

Circuit Court 180 Ottawa Ave. NW				
Structural Storm Water Control	Inspection Frequency	Maintenance Schedule	Inspection and Maintenance Conducted and Location of Log (if applicable)	Effectiveness of Control and Support Documentation
Trench Drains	3 years	Vactor or w/ hand tools as needed per inspection	Inspected May 2019. Hand cleaned.	Performing as intended.
Catch basin	5 years	Vactor as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Vertical drop connection into catch basin	5 years	Vactor or w/ hand tools as needed per inspection	Inspected June 2019. No maintenance required.	Performing as intended.
Grate inlet	5 years	Vactor or w/ hand tools as needed per inspection	May 2019. Hand cleaned.	Performing as intended.
Concrete drain	5 years	Vactor or w/ hand tools as needed per inspection	May 2019. Hand cleaned.	Performing as intended.
Yard drain in lawn	5 years	Vactor or w/ hand tools as needed per inspection	May 2019. Hand cleaned.	Performing as intended.
Friend of Court/Probate/Prosecuting 82 Ionia Building				
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	5 years	Vactor as needed per inspection	April 2022 Hand cleaned	Performing as intended
Fuller Complex (Corrections Facility and COOP Extension) 701 Ball Ave NE				
Structural Storm Water Control	Inspection Frequency	Maintenance Schedule	Inspection and Maintenance Conducted and Location of Log (if applicable)	Effectiveness of Control and Support Documentation
Rain Garden for Roof Drainage (Coop)	2 year	Maintain plantings as needed per inspection	See attached inspection photos	Performing as intended.

2022 Kent County Drain Commissioner Stormwater Progress Report
 Kent County Facilities

Catch Basin	5 year	Vactor as needed per inspection	2022 April inspected	Performing as intended.
Drainage swales	5 year	Remove sediment, maintain vegetation as needed per inspection	2022 April inspected. Removed debris	Performing as intended

Street Sweeping Records

Location	Sweeping Frequency	Dates Completed	Invoice attached?
121 Franklin Porous pavement	Quarterly	4/8/21	yes

*See attached invoices

MSU Co-op Raingarden Inspection





SANISWEEP, INC

0-3450 RIVERHILL DR NW
GRAND RAPIDS, MI 49534

INVOICE

Phone # 616-677-3028

Invoice #
101095

Date
4/8/2021

P.O. No.
[]

Bill To
KENT COUNTY FACILITIES MANAGEMENT
300 MONROE NW
GRAND RAPIDS, MI 49503

JOB LOCATION	SWEEP TYPE	REQUESTED BY
121 FRANKLIN	CLEAN UP	DAN

Description	Qty.	Rate	TOTAL
SWEEP AT KENT COUNTY FACILITIES BUILDING AT 121 FRANKLIN. SWEEP NORTH AND SOUTH LOT DAN 258-9994	4.5	150.00	675.00

Accounts Payable
APR 20 2021

DRIVER
[]

Total

\$675.00

PW Y/N []

2022 Kent County Drain Commissioner Stormwater Progress Report
 Kent County Parks

Parks Douglas Walker, Myers Lake, Dwight Lydell, Wahlfield, Wabasis Campground, Rogue River, LE Kaufman Golf Course, Pickerel Lake, Johnson Park, Brewer				
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 Basins w sumps	5 year	Vactor as needed per inspection	Inspected 7/22/19. No maintenance required.	Performing as intended.
Yard drains w sumps	5 year	Vactor as needed per inspection	Inspected 7/23/19. No maintenance required.	Performing as intended.
4" pop-up drain emitter	5 year	Repair as needed per inspection	Inspected 7/23/19. No maintenance required.	Performing as intended.
4" perforated underdrain	5 year	Jet out pipe as needed per inspection	Inspected 7/23/19. No maintenance required.	Performing as intended.
Wetland areas	4 year	Protect from sediment as needed per inspection	Inspected 7/3/19. No maintenance required.	Performing as intended.
Johnson Park storm water lift station.	1 year	Jet and vacuum. <i>* SEE ATTACHED INVOICES</i>	<i>CLEANING PERFORMED 8/31/22</i>	<i>" "</i>
Pervious concrete pavement (Myers Lake Park)	1 year	Vacuum sweep Quarterly	<i>PERFORMED BY STAFF 10/22</i>	<i>" "</i>
Storm sewer	5 year	Jet out pipe as needed per inspection	Inspected 7/2019. No maintenance required.	Performing as intended.
Leaching basins	3 year	Vacuum & jet sides & bottom as needed per inspection	<i>INSPE. 9/22</i> <i>NO MAINT. REQ.</i>	<i>" "</i>
Drainage swale	5 year	Remove sediment & maintain vegetation as needed per inspection	7/24/19 pulled purple loose strife.	Performing as intended.
Detention pond	4 year	Remove sediment as needed per inspection	Inspected 7/24/19. No maintenance required.	Performing as intended.
Parks Millennium 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

2022 Kent County Drain Commissioner Stormwater Progress Report
 Kent County Parks

10 ft x 10 ft x 1 ft Sediment Trap	1 year	Remove sediment as needed per inspection	CLEANED BY STAFF 9/22	" "
Storm inlets w 2 ft sumps	5 year	Vactor as needed per inspection	Inspected 7/24/19. No maintenance required.	Performing as intended.
Drainage swales	5 year	Remove sediment, maintain vegetation as needed per inspection	Removed purple loose strife 7/30/19.	Performing as intended.
36 inch open bottom catch basin	5 year	Vactor & scour sides and bottom as needed per inspection	Inspected 7/24/19. No maintenance required.	Performing as intended.
Trench drain	3 year	Vactor or hand tools as needed per inspection	CLEANED w/ HAND TOOLS 8/22	" "
Rip-rap check dams	5 year	Restore rip-rap as needed per inspection	Inspected 7/29/19. No maintenance required.	Performing as intended.
Drinking fountain drain absorption system	4 year	Sweep Quarterly	PERFORMED AS NEEDED BY STAFF	" "
Porous concrete pavement.	1 year	Vacuum sweep Quarterly	" "	" "
Detention pond	4 year	Remove sediment as needed per inspection	Inspected 7/29/19. No maintenance required.	Performing as intended.
Detention pond wier	4 year	Maintain openings as needed per inspection	Inspected 7/29/19. No maintenance required.	Performing as intended.



Invoice

10075 Sedroc Industrial Drive
Byron Center, MI 49315
Phone # 616-877-3930
Fax # 616-877-3937

Terms **Date** **Invoice #**
Net 30 10/28/2022 22158701

Bill to:

Kent County
Attn: Drain Commissioner
300 Monroe Ave NW
Grand Rapids, MI 49503

Service Location:

1447 Beaconsfield
Copperfield
Byron Center, MI

P.O. No. **Manifest No.** **Work ordered by:** Joel Morgan

Service D...	Description	Units	U/M	Unit Price	Extended Price
10/28/2022	Vacuumed and cleaned one catch basin to remove debris.	2.22	hr	275.00	610.50
	Service Truck with Additional Laborer	1.72	hr	125.00	215.00
	Transportation and disposal of waste at Plummer's EPA licensed CWTF	150	gal	0.60	90.00
	Disposable Vacuum Hose (corrugated)	2	ea	350.00	700.00
				Total	\$1,615.50

We gladly accept credit cards. A 2.9% surcharge will be applied to transactions paid using this payment method. Based on invoice date and terms, there will be a 1.5% interest charge per month on past due invoices.



Invoice

10075 Sedroc Industrial Drive
Byron Center, MI 49315
Phone # 616-877-3930
Fax # 616-877-3937

Terms **Date** **Invoice #**
Net 30 6/7/2022 22153401

Bill to:

Kent County
Attn: Drain Commissioner
300 Monroe Ave NW
Grand Rapids, MI 49503

Service Location:

3747 Chad Alan Dr
Grand Rapids, MI 49503

P.O. No. **Manifest No.** 154255 **Work ordered by:** Joel Morgan

Service D...	Description	Units	U/M	Unit Price	Extended Price
6/7/2022	Utilized high pressure water and vacuum services to clean the 12 inch storm sewer. Unable to vacuum the middle basin due to overlapping fence.	3.16	hr	255.00	805.80
	Service Truck and Operator hourly Rate	2.66	hr	110.00	292.60
	Transportation and disposal of waste at Plummer's EPA licensed CWTF	200	gal	0.53	106.00
	Disposable Vacuum Hose (corrugated)	1	flat	350.00	350.00
				Total	\$1,554.40

We gladly accept credit cards. A 2.9% surcharge will be applied to transactions paid using this payment method. Based on invoice date and terms, there will be a 1.5% interest charge per month on past due invoices.

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No. MIK 111 229 563		Ticket	Location 154255
3. Generator's Name and Mailing Address Plummer's Environmental Services 10075 Sedroc Industrial Byron Center, MI 49315		Kent County Drain 3747 Chad Alan Dr. Grand Rapids, MI		A. State Manifest Document Number	
4. Generator's Phone (616) 877-3930				B. State Generator's ID	
5. Transporter 1 Company Name Plummer's Environmental Services		6. US EPA ID Number MIK 111 229 563		C. US EPA ID MIK 111 229 563	
7. Transporter 2 Company Name		8. US EPA ID Number MIK 111 229 563			
9. Designated Facility Name and Site Address Plummer's Environmental Services 10075 Sedroc Industrial Byron Center, MI 49315		10. US EPA ID Number MIK 111 229 563		D. State Facility's ID MIK 111 229 563	
				E. Facility's Phone 616-877-3930	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol
		No.	Type		
GENERATOR	a. Other Waste		TT		029L
	b. Floor Drain/ Pit Cleanouts		TT		029L
	c. Storm Sewer Cleanouts	1	TT	200	G
	d.				
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name MITCH VAN LOONEN		Signature 		Month Day Year 10/7/22	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name MITCH VAN LOONEN		Signature
	18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature
					Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name Shelly Stevens		Signature 		Month Day Year 10/7/22	



Invoice

10075 Sedroc Industrial Drive
 Byron Center, MI 49315
 Phone # 616-877-3930
 Fax # 616-877-3937

Terms **Date** **Invoice #**
 Net 30 6/21/2022 22154235

Bill to:
 Kent County
 Attn: Drain Commissioner
 300 Monroe Ave NW
 Grand Rapids, MI 49503

Service Location:
 6244 Pratt Lake Ave
 Alto, MI

P.O. No. **Manifest No.** **Work ordered by:** Joel Morgan

Service D...	Description	Units	U/M	Unit Price	Extended Price
6/21/2022	Used Vactor to high pressure jet 1 section of 36" storm sewer for a total of 105.3'. Used water truck to supply vactor during cleaning process. Used vactor to remove 100 gallons of debris from sewer.	3.4	hr	265.00	901.00
	Used PACP standards to televise 1 section of 36" storm sewer for a total of 105.3'. Hand lowered camera into storm sewer structure 30' off road. Made flash drive with video and reports, gave to customer onsite.	3.4	hr	230.00	782.00
	Water Truck with Operator	3.4	hr	145.00	493.00
				Total	\$2,176.00

We gladly accept credit cards. A 2.9% surcharge will be applied to transactions paid using this payment method. Based on invoice date and terms, there will be a 1.5% interest charge per month on past due invoices.



Invoice

10075 Sedroc Industrial Drive
 Byron Center, MI 49315
 Phone # 616-877-3930
 Fax # 616-877-3937

Terms **Date** **Invoice #**
 Net 30 8/24/2022 22155650

Bill to:
 Kent County
 Attn: Drain Commissioner
 300 Monroe Ave NW
 Grand Rapids, MI 49503

Service Location:
 Kilgus Drain

P.O. No. **Manifest No.** **Work ordered by:** Joel Morgan

Service D...	Description	Units	U/M	Unit Price	Extended Price
	Cleaned and televised the line for the installation of the spot repair. Work completed inside the manhole was performed following proper confined space protocol. After the spot repair was installed, post inspection was completed. Work was completed between 08/22/22 and 08/24/22				
	Dewatering	1	ea	6,800.00	6,800.00
	Pipe Cleaning and Prep	1	ea	9,680.00	9,680.00
	36" x4' Cured in Place Spot Repair	1	ea	12,400.00	12,400.00
	Additional 36" x4' Cured in Place Spot Repair	1	ea	9,000.00	9,000.00
				Total	\$37,880.00

We gladly accept credit cards. A 2.9% surcharge will be applied to transactions paid using this payment method. Based on invoice date and terms, there will be a 1.5% interest charge per month on past due invoices.

2022 OUTFALL/DISCHARGE POINT LIST

Appendix 2
 KCDC Outfalls and Discharge Points
 2022

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
ADA 07.02 DC	Waters of the State	43.007000	-85.533000	MEDIUM-HIGH	OUTFALL	Tributary to Egypt Creek
ADA 13.01 DC	Waters of the State	42.991624	-85.449425	MEDIUM-LOW	OUTFALL	Trib to Honey Creek
ADA 29.01 DC	Waters of the State	42.959000	-85.514000	MEDIUM-HIGH	OUTFALL	Tributary to Grand River
ADA 29.02 DC	Waters of the State	42.957000	-85.514000	MEDIUM-HIGH	OUTFALL	Tributary to Grand River
ADA 29.03 DC	Waters of the State	42.959000	-85.517000	MEDIUM-HIGH	OUTFALL	Tributary to Grand River
ADA 29.04 DC	Waters of the State	42.957000	-85.517000	MEDIUM-HIGH	OUTFALL	Tributary to Grand River
ADA 29.05 DC	Waters of the State	42.957000	-85.518000	MEDIUM-HIGH	OUTFALL	Tributary to Grand River
ADA 29.06 DC	Waters of the State	42.951000	-85.512000	MEDIUM-HIGH	OUTFALL	Tributary to Grand River
ADA 30.01 DC	Waters of the State	42.960000	-85.531000	MEDIUM-HIGH	OUTFALL	Tributary to Grand River
ADA 31.01 DC	Waters of the State	42.943000	-85.547000	MEDIUM-HIGH	OUTFALL	Tributary to Little Plaster Creek
ADA 31.02 DC	Waters of the State	42.942000	-85.539000	MEDIUM-LOW	OUTFALL	Tributary to Little Plaster Creek
ADA 31.03 DC	Waters of the State	42.945000	-85.539000	MEDIUM-HIGH	OUTFALL	MARTIN & BEAK NO.2
ADA 31.04 DC	Waters of the State	42.951000	-85.540000	MEDIUM-HIGH	OUTFALL	Tributary to Grand River
ADA 34.01 DC	Waters of the State	42.952000	-85.486000	MEDIUM-LOW	OUTFALL	Thornapple River
ALG 17.01 DC	Waters of the State	43.162571	-85.162571	MEDIUM-LOW	OUTFALL	Trib to Little Cedar Creek
ALG 19.01 DC	Waters of the State	43.157412	-85.656501	MEDIUM-LOW	OUTFALL	TRIB TO LOW LAKE
ALG 24.01 DC	Waters of the State	43.156894	-85.570820	MEDIUM-LOW	OUTFALL	TRIB TO ROGUE RIVER
ALP 25.01 DC	Waters of the State	43.049000	-85.676000	MEDIUM-HIGH	OUTFALL	TRIB TO STRAWBERRY CREEK
ALP 27.01 DC	Waters of the State	43.052000	-85.719000	MEDIUM-LOW	OUTFALL	TRIB TO INDIAN MILL CREEK
ALP 31.01 DC	Waters of the State	43.045115	-85.774168	MEDIUM-LOW	OUTFALL	SAND CREEK - EAST FORK
ALP 35.01 DC	Waters of the State	43.031000	-85.693000	HIGH	OUTFALL	WETLANDS/POND
ALP 35.02 DC	Waters of the State	43.030000	-85.692000	MEDIUM-HIGH	OUTFALL	WETLANDS/POND
ALP 36.01 DC	Waters of the State	43.037000	-85.681000	MEDIUM-HIGH	OUTFALL	YORK CREEK/ALPINE WALKER DRAIN
ALP 36.02 DC	Waters of the State	43.039000	-85.682000	MEDIUM-HIGH	OUTFALL	YORK CREEK/ALPINE WALKER DRAIN
BWN 06.01 DC	Waters of the State	42.844885	-85.421668	MEDIUM-LOW	OUTFALL	BROOKSHIRE ESTATES WET POND
BWN 06.02 DC	Waters of the State	42.843457	-85.423585	MEDIUM-LOW	OUTFALL	WETLANDS/POND
BWN 11.01 DC	Waters of the State	42.841443	-85.347308	MEDIUM-LOW	OUTFALL	PRATT LAKE
BWN 14.01 DC	Waters of the State	42.823800	-85.344000	MEDIUM-LOW	OUTFALL	PRATT LAKE
BWN 16.01 DC	Waters of the State	42.818201	-85.379500	MEDIUM-LOW	OUTFALL	TRIB TO CLARK AND BUNKER DRAIN
BWN 22.01 DC	Waters of the State	42.811920	-85.363650	MEDIUM-LOW	OUTFALL	TRIB TO TYLER CREEK
BWN 27.01 DC	Waters of the State	42.783961	-85.366323	MEDIUM-LOW	OUTFALL	TRIB TO COLDWATER RIVER

2022 OUTFALL/DISCHARGE POINT LIST

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
BWN 29.01 DC	Waters of the State	42.784643	-85.408038	MEDIUM-LOW	OUTFALL	COLDWATER RIVER
BWN 35.01 DC	Waters of the State	42.774246	-85.342001	MEDIUM-LOW	OUTFALL	TRIB TO COLDWATER RIVER
BYN 01.01 DC	Waters of the State	42.844000	-85.674000	MEDIUM-HIGH	OUTFALL	BUCK CREEK
BYN 01.02 DC	Waters of the State	42.841000	-85.673000	MEDIUM-HIGH	OUTFALL	BUCK CREEK
BYN 03.01 DC	Waters of the State	42.845000	-85.714000	MEDIUM-HIGH	OUTFALL	WET POND
BYN 03.02 DC	Waters of the State	42.844000	-85.721000	MEDIUM-HIGH	OUTFALL	Vansingel Farms
BYN 03.03 DC	Waters of the State	42.843000	-85.721000	MEDIUM-HIGH	OUTFALL	Vansingel Farms
BYN 03.04 DC	Waters of the State	42.843000	-85.720000	MEDIUM-HIGH	OUTFALL	Vansingel Farms
BYN 03.05 DC	Waters of the State	42.843000	-85.718000	MEDIUM-HIGH	OUTFALL	Vansingel Farms
BYN 03.06 DC	Waters of the State	42.843000	-85.717000	MEDIUM-HIGH	OUTFALL	Vansingel Farms
BYN 03.07 DC	Waters of the State	42.844000	-85.716000	MEDIUM-HIGH	OUTFALL	Vansingel Farms
BYN 03.08 DC	Waters of the State	42.844000	-85.717000	MEDIUM-HIGH	OUTFALL	Vansingel Farms
BYN 03.09 DC	Waters of the State	42.845000	-85.719000	MEDIUM-HIGH	OUTFALL	Vansingel Farms
BYN 03.10 DC	Waters of the State	42.846000	-85.721000	MEDIUM-HIGH	OUTFALL	Vansingel Farms
BYN 03.11 DC	Waters of the State	42.841000	-85.712000	MEDIUM-HIGH	OUTFALL	EAST LAKE BYRON
BYN 03.12 DC	Waters of the State	42.842000	-85.710000	MEDIUM-HIGH	OUTFALL	EAST LAKE BYRON
BYN 03.13 DC	Waters of the State	42.842000	-85.709000	MEDIUM-HIGH	OUTFALL	EAST LAKE BYRON
BYN 04.01 DC	Waters of the State	42.845000	-85.731000	MEDIUM-HIGH	OUTFALL	RUSH CREEK/KNIGHT DRAIN
BYN 04.02 DC	Waters of the State	42.841000	-85.723000	MEDIUM-HIGH	OUTFALL	KNIGHT DRAIN BRANCH 1
BYN 06.01 DC	Waters of the State	42.852000	-85.778000	MEDIUM-HIGH	OUTFALL	RUSH CREEK EAST BRANCH
BYN 06.02 DC	Waters of the State	42.848759	-85.768891	MEDIUM-LOW	OUTFALL	TRIB TO BROWN DRAIN
BYN 06.09 DC	Waters of the State	42.851240	-85.771950	MEDIUM-LOW	OUTFALL	Trib to Rush Creek (East Branch)
BYN 06.10 DC	Waters of the State	42.855720	-85.772180	MEDIUM-LOW	OUTFALL	KNIGHT DRAIN
BYN 09.01 DC	Waters of the State	42.839000	-85.738000	MEDIUM-HIGH	OUTFALL	KNIGHT DRAIN
BYN 09.03 DC	Waters of the State	42.836000	-85.729000	MEDIUM-HIGH	OUTFALL	RUSH CREEK/KNIGHT DRAIN
BYN 09.04 DC	Waters of the State	0.000000	-85.724000	MEDIUM-HIGH	OUTFALL	DETENTION BASIN/WETLAND
BYN 09.07 DC	Waters of the State	42.827000	-85.738000	MEDIUM-LOW	OUTFALL	TRIB TO RUSH CREEK/KNIGHT DRAIN
BYN 10.01 DC	Waters of the State	42.841000	-85.721000	MEDIUM-HIGH	OUTFALL	West Lake Byron
BYN 10.02 DC	Waters of the State	42.839000	-85.721000	MEDIUM-HIGH	OUTFALL	West Lake Byron
BYN 10.03 DC	Waters of the State	42.839000	-85.719000	MEDIUM-HIGH	OUTFALL	West Lake Byron
BYN 10.04 DC	Waters of the State	42.839000	-85.717000	MEDIUM-HIGH	OUTFALL	West Lake Byron
BYN 10.05 DC	Waters of the State	42.839000	-85.714000	MEDIUM-HIGH	OUTFALL	West Lake Byron
BYN 10.06 DC	Waters of the State	42.841000	-85.713000	MEDIUM-HIGH	OUTFALL	West Lake Byron
BYN 10.07 DC	Waters of the State	42.840000	-85.721000	MEDIUM-HIGH	OUTFALL	West Lake Byron
BYN 10.08 DC	Waters of the State	42.840000	-85.712000	MEDIUM-HIGH	OUTFALL	EAST LAKE BYRON
BYN 10.09 DC	Waters of the State	42.838000	-85.712000	MEDIUM-HIGH	OUTFALL	EAST LAKE BYRON
BYN 10.10 DC	Waters of the State	42.837000	-85.712000	MEDIUM-HIGH	OUTFALL	Water's Edge Pond

2022 OUTFALL/DISCHARGE POINT LIST

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
BYN 10.11 DC	Waters of the State	42.836000	-85.712000	MEDIUM-HIGH	OUTFALL	Water's Edge Pond
BYN 10.12 DC	Waters of the State	42.836000	-85.711000	MEDIUM-HIGH	OUTFALL	Water's Edge Pond
BYN 10.13 DC	Waters of the State	42.837000	-85.711000	MEDIUM-HIGH	OUTFALL	Water's Edge Pond
BYN 10.14 DC	Waters of the State	42.837000	-85.704000	MEDIUM-HIGH	OUTFALL	EAST LAKE BYRON
BYN 10.15 DC	Waters of the State	42.833000	-85.717000	MEDIUM-HIGH	OUTFALL	WHISTLE RIDGE NO. 3 DETENTION/CHANNEL
BYN 10.17 DC	Waters of the State	42.830000	-85.713000	MEDIUM-HIGH	OUTFALL	TRIB TO KNIGHT DRAIN
BYN 10.19 DC	Waters of the State	42.830000	-85.722000	MEDIUM-HIGH	OUTFALL	WARNER COUNTY DRAIN
BYN 10.20 DC	Waters of the State	42.831868	-85.710097	MEDIUM-HIGH	OUTFALL	TRIB TO KNIGHT DRAIN
BYN 10.21 DC	Waters of the State	42.832000	-85.710000	MEDIUM-HIGH	OUTFALL	WET BASIN/WETLAND
BYN 11.01 DC	Waters of the State	42.841000	-85.692000	MEDIUM-HIGH	OUTFALL	Cutlerville Orchard
BYN 11.02 DC	Waters of the State	42.835000	-85.700000	MEDIUM-HIGH	OUTFALL	PROVIDENCE LAKE
BYN 11.03 DC	Waters of the State	42.835000	-85.698000	MEDIUM-HIGH	OUTFALL	PROVIDENCE LAKE
BYN 11.04 DC	Waters of the State	42.835000	-85.697000	MEDIUM-HIGH	OUTFALL	PROVIDENCE LAKE
BYN 11.05 DC	Waters of the State	42.835000	-85.703000	MEDIUM-HIGH	OUTFALL	PROVIDENCE LAKE
BYN 11.06 DC	Waters of the State	42.835000	-85.703000	MEDIUM-HIGH	OUTFALL	PROVIDENCE LAKE
BYN 11.07 DC	Waters of the State	42.836000	-85.702000	MEDIUM-HIGH	OUTFALL	PROVIDENCE LAKE
BYN 11.08 DC	Waters of the State	42.836000	-85.702000	MEDIUM-HIGH	OUTFALL	GOOSE CREEK
BYN 11.09 DC	Waters of the State	42.834000	-85.689000	MEDIUM-HIGH	OUTFALL	GOOSE CREEK
BYN 11.10 DC	Waters of the State	42.834000	-85.691000	MEDIUM-HIGH	OUTFALL	DAN KOSTER M.I.C
BYN 11.11 DC	Waters of the State	42.832000	-85.689000	MEDIUM-HIGH	OUTFALL	DAN KOSTER M.I.C
BYN 11.12 DC	Waters of the State	42.833000	-85.688000	MEDIUM-HIGH	OUTFALL	GOOSE CREEK
BYN 11.13 DC	Waters of the State	42.832000	-85.686000	MEDIUM-HIGH	OUTFALL	GOOSE CREEK
BYN 11.14 DC	Waters of the State	42.831000	-85.684000	MEDIUM-HIGH	OUTFALL	GOOSE CREEK
BYN 11.15 DC	Waters of the State	42.836600	-85.699600	MEDIUM-HIGH	OUTFALL	GOOSE CREEK
BYN 11.16 DC	Waters of the State	42.836900	-85.701500	MEDIUM-HIGH	OUTFALL	PROVIDENCE COVE POND
BYN 11.17 DC	Waters of the State	42.836900	-85.699800	MEDIUM-HIGH	OUTFALL	PROVIDENCE COVE POND
BYN 11.18 DC	Waters of the State	42.834800	-85.698000	MEDIUM-HIGH	OUTFALL	PROVIDENCE LAKE
BYN 11.19 DC	Waters of the State	42.834300	-85.699900	MEDIUM-HIGH	OUTFALL	PROVIDENCE LAKE
BYN 12.01 DC	Waters of the State	42.837000	-85.667000	MEDIUM-HIGH	OUTFALL	MATT STREET DRAIN
BYN 12.02 DC	Waters of the State	42.836412	-85.667092	MEDIUM-HIGH	OUTFALL	BUCK CREEK EXT DRAIN
BYN 12.03 DC	Waters of the State	42.833000	-85.671000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
BYN 13.01 DC	Waters of the State	42.816000	-85.669000	MEDIUM-HIGH	OUTFALL	PFEIFFER DRAIN
BYN 14.01 DC	Waters of the State	42.825000	-85.697000	MEDIUM-LOW	OUTFALL	TRIB TO BUCK CREEK
BYN 14.05 DC	Waters of the State	42.816000	-85.693000	MEDIUM-HIGH	OUTFALL	BUCK CREEK
BYN 14.08 DC	Waters of the State	42.820607	-85.697633	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
BYN 14.09 DC	Waters of the State	42.820209	-85.697658	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
BYN 15.03 DC	Waters of the State	42.813000	-85.712000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK

2022 OUTFALL/DISCHARGE POINT LIST

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
BYN 15.04 DC	Waters of the State	42.813000	-85.712000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
BYN 15.05 DC	Waters of the State	42.816000	-85.723000	MEDIUM-HIGH	OUTFALL	WARNER DRAIN
BYN 15.06 DC	Waters of the State	42.821000	-85.719000	MEDIUM-HIGH	OUTFALL	WARNER DRAIN
BYN 16.01 DC	Waters of the State	42.826000	-85.735000	MEDIUM-HIGH	OUTFALL	KNIGHT DRAIN
BYN 16.02 DC	Waters of the State	42.823000	-85.738000	MEDIUM-LOW	OUTFALL	KNIGHT DRAIN
BYN 16.03 DC	Waters of the State	42.823000	-85.739000	MEDIUM-LOW	OUTFALL	KNIGHT DRAIN
BYN 16.04 DC	Waters of the State	42.821000	-85.741000	MEDIUM-LOW	OUTFALL	KNIGHT DRAIN
BYN 16.05 DC	Waters of the State	42.820000	-85.742000	MEDIUM-LOW	OUTFALL	KNIGHT DRAIN
BYN 16.06 DC	Waters of the State	42.818954	-85.728767	MEDIUM-HIGH	OUTFALL	WARNER DRAIN
BYN 16.07 DC	Waters of the State	42.817700	-85.728000	MEDIUM-HIGH	OUTFALL	WARNER DRAIN
BYN 17.01 DC	Waters of the State	42.819000	-85.743000	MEDIUM LOW	OUTFALL	KNIGHT DRAIN
BYN 17.02 DC	Waters of the State	42.816910	-85.743760	MEDIUM LOW	OUTFALL	KNIGHT DRAIN
BYN 17.03 DC	Waters of the State	42.815810	-85.744510	MEDIUM LOW	OUTFALL	KNIGHT DRAIN
BYN 21.02 DC	Waters of the State	42.804000	-85.724000	MEDIUM-HIGH	OUTFALL	TRIB TO JAKES DRAIN
BYN 21.03 DC	Waters of the State	42.802000	-85.728000	MEDIUM-HIGH	OUTFALL	JAKES DRAIN
BYN 21.04 DC	Waters of the State	42.803000	-85.730000	MEDIUM-HIGH	OUTFALL	POND/WETLAND
BYN 21.05 DC	Waters of the State	42.804000	-85.730000	MEDIUM-HIGH	OUTFALL	POND/WETLAND
BYN 21.06 DC	Waters of the State	42.803000	-85.730000	MEDIUM-HIGH	OUTFALL	JAKES DRAIN
BYN 22.01 DC	Waters of the State	42.809000	-85.715000	MEDIUM-HIGH	OUTFALL	LANTING DRAIN
BYN 22.02 DC	Waters of the State	42.804000	-85.706000	MEDIUM-HIGH	OUTFALL	PLANTERS ROW
BYN 22.03 DC	Waters of the State	42.804000	-85.704000	MEDIUM-HIGH	OUTFALL	PLANTERS ROW
BYN 22.04 DC	Waters of the State	42.803000	-85.704000	MEDIUM-HIGH	OUTFALL	LANTING
BYN 22.05 DC	Waters of the State	42.803000	-85.705000	MEDIUM-HIGH	OUTFALL	LANTING
BYN 22.07 DC	Waters of the State	42.802000	-85.709000	MEDIUM-HIGH	OUTFALL	PLANTERS ROW
BYN 22.08 DC	Waters of the State	42.802000	-85.710000	MEDIUM-HIGH	OUTFALL	PLANTERS ROW
BYN 22.09 DC	Waters of the State	42.802000	-85.710000	MEDIUM-HIGH	OUTFALL	PLANTERS ROW
BYN 22.10 DC	Waters of the State	42.802000	-85.710000	MEDIUM-HIGH	OUTFALL	PLANTERS ROW
BYN 22.11 DC	Waters of the State	42.802000	-85.709000	MEDIUM-HIGH	OUTFALL	PLANTERS ROW
BYN 22.12 DC	Waters of the State	42.802000	-85.709000	MEDIUM-HIGH	OUTFALL	PLANTERS ROW
BYN 22.13 DC	Waters of the State	42.711790	-85.799700	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
BYN 22.14 DC	Waters of the State	42.808310	-85.702871	MEDIUM-HIGH	OUTFALL	WILLARD DRAIN
BYN 23.01 DC	Waters of the State	42.806000	-85.692000	MEDIUM-LOW	OUTFALL	CARLISLE SHORES DRAIN
BYN 23.02 DC	Waters of the State	42.806000	-85.692000	MEDIUM-LOW	OUTFALL	CARLISLE SHORES DRAIN
BYN 23.03 DC	Waters of the State	42.807000	-85.690000	MEDIUM-LOW	OUTFALL	CARLISLE SHORES DRAIN
BYN 23.04 DC	Waters of the State	42.807000	-85.691000	MEDIUM-LOW	OUTFALL	CARLISLE SHORES DRAIN
BYN 23.05 DC	Waters of the State	42.808000	-85.688000	MEDIUM-LOW	OUTFALL	CARLISLE DRAIN
BYN 23.07 DC	Waters of the State	42.810087	-85.688686	MEDIUM-LOW	OUTFALL	TRIB TO CARLISLE DRAIN

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Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
BYN 24.02 DC	Waters of the State	42.810652	-85.674059	MEDIUM-LOW	OUTFALL	TRIB TO CARLISLE DRAIN
BYN 24.03 DC	Waters of the State	42.801543	-85.673370	MEDIUM-LOW	OUTFALL	TRIB TO CARLISLE DRAIN
BYN 30.01 DC	Waters of the State	42.796558	-85.780228	MEDIUM-LOW	OUTFALL	TRIB TO BLACK CREEK
BYN 32.01 DC	Waters of the State	42.768312	-85.758008	MEDIUM-LOW	OUTFALL	TRIB TO UNNAMED CREEK
BYN 35.01 DC	Waters of the State	42.780521	-85.691586	MEDIUM-LOW	OUTFALL	BUCK CREEK
CAL 03.01 DC	Waters of the State	42.844000	-85.475000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAL 11.01 DC	Waters of the State	42.838176	-85.451085	MEDIUM-HIGH	OUTFALL	CAMPAU LAKE
CAL 12.01 DC	Waters of the State	42.839000	-85.438000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAL 12.02 DC	Waters of the State	42.839000	-85.438000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAL 19.01 DC	Waters of the State	42.802582	-85.533958	MEDIUM-LOW	OUTFALL	TRIB TO THORNAPPLE
CAL 20.01 DC	Waters of the State	42.808952	-85.513189	MEDIUM-HIGH	OUTFALL	TRIB TO EMMONS LAKE
CAL 20.02 DC	Waters of the State	42.802840	-85.511795	MEDIUM-LOW	OUTFALL	EMMONS LAKE
CAL 20.03 DC	Waters of the State	42.800311	-85.511960	MEDIUM-LOW	OUTFALL	EMMONS LAKE
CAL 20.04 DC	Waters of the State	42.799589	-85.511692	MEDIUM-LOW	OUTFALL	EMMONS LAKE
CAL 20.05 DC	Waters of the State	42.798402	-85.511594	MEDIUM-LOW	OUTFALL	EMMONS LAKE
CAL 20.06 DC	Waters of the State	42.797548	-85.511811	MEDIUM-LOW	OUTFALL	EMMONS LAKE
CAL 21.01 DC	Waters of the State	42.807121	-85.490352	MEDIUM-LOW	OUTFALL	TRIB TO THORNAPPLE
CAL 22.01 DC	Waters of the State	42.807490	-85.468250	MEDIUM-LOW	OUTFALL	TRIB TO THORNAPPLE
CAL 22.02 DC	Waters of the State	42.807906	-85.472249	MEDIUM-LOW	OUTFALL	TRIB TO THORNAPPLE
CAL 22.03 DC	Waters of the State	42.808939	-85.477667	MEDIUM-LOW	OUTFALL	TRIB TO THORNAPPLE
CAL 24.01 DC	Waters of the State	42.812405	-85.428575	HIGH	OUTFALL	CAMPBELL LAKE
CAL 29.01 DC	Waters of the State	42.794626	-85.518941	MEDIUM-LOW	OUTFALL	TRIB TO EMMONS LAKE
CAL 29.02 DC	Waters of the State	42.791538	-85.514898	MEDIUM-LOW	OUTFALL	EMMONS LAKE
CAN 08.01 DC	Waters of the State	43.092000	-85.530000	MEDIUM-LOW	OUTFALL	BARKLEY CREEK
CAN 09.01 DC	Waters of the State	43.904000	-85.506000	MEDIUM-HIGH	OUTFALL	LAKE BELLA VISTA
CAN 09.02 DC	Waters of the State	43.093000	-85.505000	MEDIUM-HIGH	OUTFALL	LAKE BELLA VISTA
CAN 09.04 DC	Waters of the State	43.097000	-85.493000	MEDIUM-LOW	OUTFALL	TRIB TO ROGUE RIVER
CAN 11.01 DC	Waters of the State	43.908000	-85.455000	MEDIUM-HIGH	OUTFALL	TRIB TO BOSTWICK LAKE
CAN 27.01 DC	Waters of the State	43.053408	-85.472834	MEDIUM-LOW	OUTFALL	TRIB TO BEAR CREEK
CAS 06.01 DC	Waters of the State	42.931000	-85.545000	MEDIUM-HIGH	OUTFALL	MARTIN & BEAK DRAIN
CAS 06.02 DC	Waters of the State	42.938000	-85.547000	MEDIUM-HIGH	OUTFALL	TRIB TO GILLETT DRAIN
CAS 06.03 DC	Waters of the State	42.940000	-85.550000	MEDIUM-HIGH	OUTFALL	TRIB TO GILLETT DRAIN
CAS 06.04 DC	Waters of the State	42.941000	-85.546000	MEDIUM-HIGH	OUTFALL	TRIB TO GILLETT DRAIN
CAS 06.05 DC	Waters of the State	42.927000	-85.539000	MEDIUM-HIGH	OUTFALL	TRIB TO SPAULDING DRAIN
CAS 07.01 DC	Waters of the State	42.927000	-85.539000	MEDIUM-HIGH	OUTFALL	Spaulding Drain
CAS 07.02 DC	Waters of the State	42.915000	-85.538000	MEDIUM-HIGH	OUTFALL	PATTERSON DRAIN
CAS 07.03 DC	Waters of the State	42.916000	-85.536000	MEDIUM-HIGH	OUTFALL	PATTERSON DRAIN

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Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
CAS 07.04 DC	Waters of the State	42.915000	-85.536000	MEDIUM-HIGH	OUTFALL	PATTERSON DRAIN
CAS 08.02 DC	Waters of the State	42.921000	-85.515000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 08.03 DC	Waters of the State	42.921000	-85.513000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 08.04 DC	Waters of the State	42.916000	-85.516000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 08.05 DC	Waters of the State	42.919000	-85.511000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 09.01 DC	Waters of the State	42.920000	-85.509000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 09.02 DC	Waters of the State	42.921000	-85.507000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 09.03 DC	Waters of the State	42.917000	-85.502000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 10.01 DC	Waters of the State	42.923000	-85.476000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 10.03 DC	Waters of the State	42.918000	-85.479000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 15.01 DC	Waters of the State	42.902000	-85.479000	MEDIUM-HIGH	OUTFALL	APPLE HILLS DRAIN
CAS 15.02 DC	Waters of the State	42.902000	-85.480000	MEDIUM-HIGH	OUTFALL	APPLE HILLS DRAIN
CAS 15.03 DC	Waters of the State	42.903000	-85.471000	MEDIUM-HIGH	OUTFALL	WET BASIN/WETLAND
CAS 15.04 DC	Waters of the State	42.903000	-85.471000	MEDIUM-HIGH	OUTFALL	APPLE HILLS EAST DRAIN
CAS 18.01 DC	Waters of the State	42.907000	-85.530000	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
CAS 18.02 DC	Waters of the State	42.912000	-85.545000	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
CAS 21.01 DC	Waters of the State	42.895000	-85.494000	MEDIUM-HIGH	OUTFALL	TRIB TO THORNAPPLE
CAS 31.03 DC	Waters of the State	42.862000	-85.545000	MEDIUM-LOW	OUTFALL	TRIB TO PLASTER CREEK
CDS 25.01 DC	Waters of the State	43.223071	-85.556207	MEDIUM-LOW	OUTFALL	CEDAR CREEK
CDS 25.02 DC	Waters of the State	43.224135	-85.555759	MEDIUM-LOW	OUTFALL	CEDAR CREEK
CRT 21.01 DC	Waters of the State	43.153130	-85.508260	MEDIUM-LOW	OUTFALL	FOXTAIL DRAIN
CRT 28.01 DC	Waters of the State	43.135000	-85.493000	MEDIUM-HIGH	OUTFALL	MYERS LAKE/RUM CREEK
CRT 31.01 DC	Waters of the State	43.126000	-85.546000	MEDIUM-HIGH	OUTFALL	RUM CREEK
CRT 33.01 DC	Waters of the State	43.132000	-85.493000	MEDIUM-HIGH	OUTFALL	RUM CREEK
CRT 34.01 DC	Waters of the State	43.127000	-85.483000	MEDIUM-HIGH	OUTFALL	LITTLE BROWER LAKE
GDV 21.01 DC	Waters of the State	42.892703	-85.734134	MEDIUM-HIGH	OUTFALL	BEHAN & FOLEY DRAIN - TRIB TO BUCK CREEK
GDV 21.02 DC	Waters of the State	42.885651	-85.739028	MEDIUM-HIGH	OUTFALL	TRIB TO BEHAN & FOLEY DRAIN
GDV 21.03 DC	Waters of the State	42.886305	-85.738594	MEDIUM-HIGH	OUTFALL	TRIB TO BEHAN & FOLEY DRAIN
GDV 29.01 DC	Waters of the State	42.883205	-85.746660	MEDIUM-HIGH	OUTFALL	HUIZENGA DRAIN
GDV 30.01 DC	Waters of the State	42.882128	-85.764503	MEDIUM-HIGH	OUTFALL	HUIZENGA DRAIN
GNS 03.01 DC	Waters of the State	42.842000	-85.602000	MEDIUM-HIGH	OUTFALL	AVALON POINTE POND
GNS 03.02 DC	Waters of the State	42.842000	-85.601000	MEDIUM-HIGH	OUTFALL	AVALON POINTE POND
GNS 03.03 DC	Waters of the State	42.844000	-85.600000	MEDIUM-HIGH	OUTFALL	AVALON POINTE POND
GNS 03.04 DC	Waters of the State	42.845000	-85.601000	MEDIUM-HIGH	OUTFALL	AVALON POINTE POND
GNS 03.05 DC	Waters of the State	42.845000	-85.600000	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
GNS 03.06 DC	Waters of the State	42.843000	-85.598000	MEDIUM-HIGH	OUTFALL	WETLANDS ADJACENT TO PLASTER CREEK
GNS 03.07 DC	Waters of the State	42.845000	-85.591000	MEDIUM-HIGH	OUTFALL	PLASTER CREEK

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Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
GNS 04.02 DC	Waters of the State	42.847000	-85.611000	MEDIUM-HIGH	OUTFALL	VANTAGE POINT WEST POND
GNS 04.03 DC	Waters of the State	42.847000	-85.612000	MEDIUM-HIGH	OUTFALL	VANTAGE POINT WEST POND
GNS 04.05 DC	Waters of the State	42.848000	-85.624000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 04.06 DC	Waters of the State	42.848000	-85.608000	MEDIUM-HIGH	OUTFALL	TRIB TO CUTLERVILLE DRAIN
GNS 04.07 DC	Waters of the State	42.849000	-85.607000	MEDIUM-HIGH	OUTFALL	TRIB TO CUTLERVILLE DRAIN
GNS 05.01 DC	Waters of the State	42.844000	-85.631000	MEDIUM-HIGH	OUTFALL	CUTLERVILLE DRAIN
GNS 05.02 DC	Waters of the State	42.844000	-85.629000	MEDIUM-HIGH	OUTFALL	CUTLERVILLE DRAIN
GNS 05.03 DC	Waters of the State	42.845000	-85.632000	MEDIUM-HIGH	OUTFALL	CUTLERVILLE DRAIN
GNS 05.04 DC	Waters of the State	42.845000	-85.633000	MEDIUM-HIGH	OUTFALL	CUTLERVILLE DRAIN
GNS 06.01 DC	Waters of the State	42.847000	-85.655000	MEDIUM-HIGH	OUTFALL	SUMMER SHORES LAKE
GNS 06.02 DC	Waters of the State	42.847000	-85.655000	MEDIUM-HIGH	OUTFALL	SUMMER SHORES LAKE
GNS 06.03 DC	Waters of the State	42.847000	-85.657000	MEDIUM-HIGH	OUTFALL	SUMMER SHORES LAKE
GNS 06.04 DC	Waters of the State	42.846000	-85.658000	MEDIUM-HIGH	OUTFALL	SUMMER SHORES LAKE
GNS 06.05 DC	Waters of the State	42.845000	-85.657000	MEDIUM-HIGH	OUTFALL	SUMMER SHORES LAKE
GNS 06.06 DC	Waters of the State	42.844000	-85.657000	MEDIUM-HIGH	OUTFALL	SUMMER SHORES LAKE
GNS 06.07 DC	Waters of the State	42.845000	-85.659000	MEDIUM-HIGH	OUTFALL	SUMMER SHORES LAKE
GNS 06.08 DC	Waters of the State	42.852000	-85.649000	MEDIUM-HIGH	OUTFALL	VAN OOSTEN DRAIN
GNS 06.09 DC	Waters of the State	42.850000	-85.650000	MEDIUM-HIGH	OUTFALL	VAN OOSTEN DRAIN
GNS 07.01 DC	Waters of the State	42.831000	-85.653000	MEDIUM-HIGH	OUTFALL	BUCK CREEK EXTENSION
GNS 07.02 DC	Waters of the State	42.828000	-85.646000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 08.01 DC	Waters of the State	42.827000	-85.641000	MEDIUM-HIGH	OUTFALL	CRYSTAL CREEK DRAIN
GNS 08.02 DC	Waters of the State	42.830000	-85.638000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 08.03 DC	Waters of the State	42.830000	-85.637000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 09.02 DC	Waters of the State	42.828000	-85.618000	MEDIUM-HIGH	OUTFALL	WET POND
GNS 09.03 DC	Waters of the State	42.827000	-85.619000	MEDIUM-HIGH	OUTFALL	WET POND
GNS 09.04 DC	Waters of the State	42.840000	-85.617000	MEDIUM-HIGH	OUTFALL	WET POND - HEATHERS DRAIN
GNS 09.06 DC	Waters of the State	42.841000	-85.615000	MEDIUM-HIGH	OUTFALL	TRIB TO CUTLERVILLE DRAIN
GNS 09.08 DC	Waters of the State	42.832000	-85.608000	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
GNS 09.09 DC	Waters of the State	42.833000	-85.606000	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
GNS 09.10 DC	Waters of the State	42.832000	-85.608000	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
GNS 10.01 DC	Waters of the State	42.838000	-85.599000	MEDIUM-LOW	OUTFALL	PLASTER CREEK
GNS 10.02 DC	Waters of the State	42.836000	-85.589000	MEDIUM-LOW	OUTFALL	PLASTER CREEK
GNS 10.03 DC	Waters of the State	42.837000	-85.589000	MEDIUM-LOW	OUTFALL	PLASTER CREEK
GNS 10.04 DC	Waters of the State	42.835000	-85.603000	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
GNS 11.03 DC	Waters of the State	42.834000	-85.571000	MEDIUM-LOW	OUTFALL	TRIB TO DUTTON DRAIN
GNS 11.06 DC	Waters of the State	42.831967	-85.580781	MEDIUM-LOW	OUTFALL	TRIB TO PLASTER CREEK
GNS 16.01 DC	Waters of the State	42.817000	-85.615000	MEDIUM-LOW	OUTFALL	BREWER DRAIN

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Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
GNS 17.01 DC	Waters of the State	42.822000	-85.628000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 17.02 DC	Waters of the State	42.822000	-85.628000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 17.03 DC	Waters of the State	42.822000	-85.627000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 17.04 DC	Waters of the State	42.822000	-85.626000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 17.05 DC	Waters of the State	42.823000	-85.633000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 17.06 DC	Waters of the State	42.824000	-85.633000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 17.07 DC	Waters of the State	42.824000	-85.632000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 17.08 DC	Waters of the State	42.818000	-85.643000	MEDIUM-HIGH	OUTFALL	TRIB TO BUCK CREEK
GNS 18.01 DC	Waters of the State	42.824000	-85.653000	MEDIUM-HIGH	OUTFALL	TRIB TO SHARPS CREEK
GNS 18.02 DC	Waters of the State	42.822000	-85.659000	MEDIUM-HIGH	OUTFALL	SHARP'S CREEK
GNS 18.03 DC	Waters of the State	42.817000	-85.660000	MEDIUM-HIGH	OUTFALL	TRIB TO SHARP'S CREEK
GNS 18.04 DC	Waters of the State	42.818000	-85.661000	MEDIUM-HIGH	OUTFALL	TRIB TO SHARP'S CREEK
GNS 18.05 DC	Waters of the State	42.819000	-85.661000	MEDIUM-HIGH	OUTFALL	TRIB TO SHARP'S CREEK
GNS 18.09 DC	Waters of the State	42.818000	-85.648000	MEDIUM-HIGH	OUTFALL	TRIB TO SHARPS CREEK
GNS 18.11 DC	Waters of the State	42.817000	-85.653000	MEDIUM-HIGH	OUTFALL	TRIB TO SHARPS CREEK
GNS 26.01 DC	Waters of the State	42.795499	-85.581703	MEDIUM-LOW	OUTFALL	TRIB TO HANNA LAKE
GNS 29.01 DC	Waters of the State	42.789806	-85.638290	MEDIUM-LOW	OUTFALL	WETLANDS
GNS 31.01 DC	Waters of the State	42.768000	-85.659000	MEDIUM-LOW	OUTFALL	TRIB TO BUCK CREEK
GNS 31.02 DC	Waters of the State	42.778760	-85.655770	MEDIUM-LOW	OUTFALL	WET POND
GRC 04.02 DC	Waters of the State	43.023000	-85.629000	MEDIUM-HIGH	OUTFALL	LAMBERTON LAKE
GRC 04.04 DC	Waters of the State	42.940000	-85.620000	MEDIUM-HIGH	OUTFALL	SILVER CREEK KEISER POND
GRC 04.05 DC	Waters of the State	42.939000	-85.620000	MEDIUM-HIGH	OUTFALL	SILVER CREEK KEISER POND
GRC 05.02 DC	Waters of the State	42.937000	-85.636000	MEDIUM-HIGH	OUTFALL	SILVER CREEK CALVIN POND
GRC 06.01 DC	Waters of the State	43.020000	-85.655000	MEDIUM-HIGH	OUTFALL	LAMBERTON CREEK
GRC 08.01 DC	Waters of the State	43.007000	-85.634000	MEDIUM-HIGH	OUTFALL	LAMBERTON CREEK
GRC 08.02 DC	Waters of the State	43.001000	-85.635000	MEDIUM-HIGH	OUTFALL	TRIB TO LAMBERTON CREEK
GRC 09.01 DC	Waters of the State	43.009000	-85.628000	MEDIUM-HIGH	OUTFALL	LAMBERTON CREEK
GRC 09.03 DC	Waters of the State	43.006000	-85.731000	MEDIUM-HIGH	OUTFALL	INDIAN MILL CREEK
GRC 13.01 DC	Waters of the State	42.998000	-85.672000	MEDIUM-HIGH	OUTFALL	GRAND RIVER
GRC 15.01 DC	Waters of the State	42.990000	-85.601000	MEDIUM-HIGH	OUTFALL	TRIB TO LAMBERTON CREEK
GRC 15.02 DC	Waters of the State	42.988000	-85.601000	MEDIUM-HIGH	OUTFALL	TRIB TO LAMBERTON CREEK
GRC 15.03 DC	Waters of the State	42.993000	-85.601000	MEDIUM-HIGH	OUTFALL	TRIB TO LAMBERTON CREEK
GRC 15.04 DC	Waters of the State	42.993000	-85.601000	MEDIUM-HIGH	OUTFALL	TRIB TO LAMBERTON CREEK
GRC 15.05 DC	Waters of the State	43.000000	-85.718000	MEDIUM-HIGH	OUTFALL	INDIAN MILL CREEK
GRC 15.06 DC	Waters of the State	42.994000	-85.727000	MEDIUM-HIGH	OUTFALL	TRIB TO INDIAN MILL CREEK
GRC 16.01 DC	Waters of the State	42.989000	-85.746000	MEDIUM-HIGH	OUTFALL	TRIB TO WORDEN & INDIAN MILL CREEK
GRC 16.02 DC	Waters of the State	42.909825	-85.621079	MEDIUM-HIGH	OUTFALL	BURTON-BRETON DRAIN

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Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
GRC 16.03 DC	Waters of the State	42.902220	-85.615089	MEDIUM-HIGH	OUTFALL	PLASTER CREEK
GRC 16.04 DC	Waters of the State	42.993619	-85.744246	MEDIUM-HIGH	OUTFALL	BRANDYWINE CREEK
GRC 17.03 DC	Waters of the State	42.909338	-85.646727	MEDIUM-HIGH	OUTFALL	PLASTER CREEK
GRC 19.01 DC	Waters of the State	42.981000	-85.650000	MEDIUM-HIGH	OUTFALL	TRIB TO COLDBROOK CREEK
GRC 19.02 DC	Waters of the State	42.974000	-85.654000	MEDIUM-HIGH	OUTFALL	TRIB TO COLDBROOK CREEK
GRC 20.01 DC	Waters of the State	42.972000	-85.636000	MEDIUM-HIGH	OUTFALL	TRIB TO COLDBROOK CREEK
GRC 20.05 DC	Waters of the State	42.979000	-85.748000	MEDIUM-HIGH	OUTFALL	TRIB TO WORDEN
GRC 20.06 DC	Waters of the State	42.979000	-85.751000	MEDIUM-HIGH	OUTFALL	TRIB TO WORDEN
GRC 21.02 DC	Waters of the State	42.974000	-85.618000	MEDIUM-HIGH	OUTFALL	COLDBROOK CREEK
GRC 21.03 DC	Waters of the State	42.982000	-85.740000	MEDIUM-HIGH	OUTFALL	TRIB TO GRAHAM & WORDEN DRAIN
GRC 21.06 DC	Waters of the State	42.978000	-85.744000	MEDIUM-HIGH	OUTFALL	TRIB TO WORDEN
GRC 22.01 DC	Waters of the State	42.979000	-85.606000	MEDIUM-HIGH	OUTFALL	TRIB TO COLDBROOK CREEK
GRC 24.01 DC	Waters of the State	42.982000	-85.672000	HIGH	OUTFALL	GRAND RIVER
GRC 25.05 DC	Waters of the State	42.965516	-85.674531	MEDIUM-HIGH	OUTFALL	GRAND RIVER
GRC 25.06 DC	Waters of the State	42.968261	-85.674345	MEDIUM-HIGH	OUTFALL	GRAND RIVER
GRC 28.01 DC	Waters of the State	42.963000	-85.618000	MEDIUM-HIGH	OUTFALL	WATERS DRAIN
GRC 28.02 DC	Waters of the State	42.962000	-85.610000	HIGH	OUTFALL	WATERS DRAIN
GRC 28.03 DC	Waters of the State	42.963000	-85.621000	MEDIUM-HIGH	OUTFALL	WATERS DRAIN
GRT 04.01 DC	Waters of the State	43.027000	-85.628000	MEDIUM-HIGH	OUTFALL	TRIB TO LAMBERTON LAKE
GRT 04.03 DC	Waters of the State	43.027000	-85.618000	MEDIUM-HIGH	OUTFALL	POND
GRT 10.03 DC	Waters of the State	43.007000	-85.596000	MEDIUM-HIGH	OUTFALL	WET POND - TRIB TO LAMBERTON CREEK
GRT 10.04 DC	Waters of the State	43.007000	-85.597000	MEDIUM-HIGH	OUTFALL	WET POND - TRIB TO LAMBERTON CREEK
GRT 10.05 DC	Waters of the State	43.006000	-85.597000	MEDIUM-HIGH	OUTFALL	TRIB TO LAMBERTON CREEK
GRT 24.01 DC	Waters of the State	42.970000	-85.568000	MEDIUM-LOW	OUTFALL	TRIB TO SADDLEBAG
GRT 24.02 DC	Waters of the State	42.970000	-85.568000	MEDIUM-LOW	OUTFALL	TRIB TO SADDLEBAG
GRT 25.01 DC	Waters of the State	42.961000	-85.558000	MEDIUM-HIGH	OUTFALL	WET BASIN
GRT 25.02 DC	Waters of the State	42.965000	-85.563000	MEDIUM-HIGH	OUTFALL	TRIB TO SADDLEBAG
GRT 25.03 DC	Waters of the State	42.965000	-85.558000	MEDIUM-HIGH	OUTFALL	TRIB TO SADDLEBAG
GRT 25.04 DC	Waters of the State	42.964000	-85.556000	MEDIUM-HIGH	OUTFALL	TRIB TO SADDLEBAG
GRT 26.01 DC	Waters of the State	42.966000	-85.576000	MEDIUM-HIGH	OUTFALL	TRIB TO SADDLEBAG
GRT 36.01 DC	Waters of the State	42.952000	-85.564000	MEDIUM-HIGH	OUTFALL	SADDLEBAG DRAIN
KWD 14.01 DC	Waters of the State	42.911811	-85.583826	MEDIUM-HIGH	OUTFALL	WHISKEY CREEK
KWD 14.02 DC	Waters of the State	42.912089	-85.581193	MEDIUM-HIGH	OUTFALL	WHISKEY CREEK
KWD 22.01 DC	Waters of the State	42.896294	-85.605184	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
KWD 23.01 DC	Waters of the State	42.898100	-85.581670	MEDIUM-LOW	OUTFALL	TRIB TO PLASTER CREEK
KWD 26.01 DC	Waters of the State	42.874278	-85.572311	MEDIUM-LOW	OUTFALL	TRIB TO PLASTER CREEK
KWD 26.02 DC	Waters of the State	42.877309	-85.573484	MEDIUM-LOW	OUTFALL	TRIB TO PLASTER CREEK

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Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
KWD 29.01 DC	Waters of the State	42.882609	-85.629426	MEDIUM-HIGH	OUTFALL	PARIS DRAIN - TRIB TO BUCK
KWD 31.01 DC	Waters of the State	42.865793	-85.656990	MEDIUM-HIGH	OUTFALL	TRIB TO HEYBOER
KWD 32.01 DC	Waters of the State	42.868042	-85.629064	MEDIUM-HIGH	OUTFALL	TRIB TO HEYBOER
KWD 34.01 DC	Waters of the State	42.854808	-85.590140	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
KWD 35.01 DC	Waters of the State	42.854718	-85.568077	MEDIUM-HIGH	OUTFALL	TRIB TO PLASTER CREEK
LOW 04.01 DC	Waters of the State	42.928982	-85.376074	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
LOW 04.03 DC	Waters of the State	42.934373	-85.376082	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
LOW 04.04 DC	Waters of the State	42.936873	-85.389175	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
LOW 04.05 DC	Waters of the State	42.935324	-85.387491	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
LOW 04.06 DC	Waters of the State	42.935010	-85.387347	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
LOW 05.01 DC	Waters of the State	42.940000	-85.397000	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
LOW 20.01 DC	Waters of the State	42.890148	-85.406900	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
PLN 03.01 DC	Waters of the State	43.116682	-85.596366	MEDIUM-LOW	OUTFALL	TRIB TO ROGUE RIVER
PLN 11.01 DC	Waters of the State	43.098552	-85.584818	MEDIUM-HIGH	OUTFALL	ROGUE RIVER
PLN 11.03 DC	Waters of the State	43.089303	-85.574808	MEDIUM-HIGH	OUTFALL	WET BASIN - TRIB TO ROGUE RIVER
PLN 12.01 DC	Waters of the State	43.098347	-85.550953	MEDIUM-LOW	OUTFALL	TRIB TO BARKLEY CREEK
PLN 14.01 DC	Waters of the State	43.085000	-85.576000	MEDIUM-HIGH	OUTFALL	TRIB TO ROGUE RIVER
PLN 14.02 DC	Waters of the State	43.080000	-85.573000	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
PLN 16.01 DC	Waters of the State	43.075614	-85.616348	MEDIUM-HIGH	OUTFALL	WHITE PINE DRAIN
PLN 16.02 DC	Waters of the State	43.073225	-85.618029	MEDIUM-HIGH	OUTFALL	WHITE PINE DRAIN
PLN 16.03 DC	Waters of the State	43.072710	-85.618614	MEDIUM-HIGH	OUTFALL	WHITE PINE DRAIN
PLN 17.02 DC	Waters of the State	43.074832	-85.630271	MEDIUM-HIGH	OUTFALL	WET BASIN
PLN 17.03 DC	Waters of the State	43.074139	-85.630984	MEDIUM-HIGH	OUTFALL	SCOTT CREEK TRIB TO GRAND RIVER
PLN 17.04 DC	Waters of the State	43.074141	-85.631092	MEDIUM-HIGH	OUTFALL	SCOTT CREEK TRIB TO GRAND RIVER
PLN 17.05 DC	Waters of the State	43.072077	-85.630053	MEDIUM-HIGH	OUTFALL	SCOTT CREEK TRIB TO GRAND RIVER
PLN 18.01 DC	Waters of the State	43.073507	-85.651165	MEDIUM-LOW	OUTFALL	WETLANDS
PLN 18.02 DC	Waters of the State	43.077181	-85.650846	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
PLN 19.01 DC	Waters of the State	43.067678	-85.669770	MEDIUM-HIGH	OUTFALL	TRIB TO MILL CR
PLN 20.02 DC	Waters of the State	43.061798	-85.641959	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
PLN 21.02 DC	Waters of the State	43.067666	-85.614024	MEDIUM-HIGH	OUTFALL	JUPITER POND (SOUTH BASIN)
PLN 21.03 DC	Waters of the State	43.067170	-85.612794	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
PLN 21.04 DC	Waters of the State	43.070387	-85.620286	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
PLN 21.05 DC	Waters of the State	43.071210	-85.625882	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
PLN 22.02 DC	Waters of the State	43.067947	-85.599611	MEDIUM-HIGH	OUTFALL	TRIB TO ROGUE RIVER
PLN 23.01 DC	Waters of the State	43.062873	-85.581561	MEDIUM-HIGH	OUTFALL	GRAND RIVER
PLN 24.01 DC	Waters of the State	43.065314	-85.565040	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
PLN 24.02 DC	Waters of the State	43.060736	-85.563522	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER

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Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
PLN 24.03 DC	Waters of the State	43.064800	-85.563700	MEDIUM-LOW	OUTFALL	BOULDER CREEK EAST
PLN 24.04 DC	Waters of the State	43.063500	-85.563700	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
PLN 25.01 DC	Waters of the State	43.054100	-85.565167	MEDIUM-LOW	OUTFALL	GRAND RIVER
PLN 27.01 DC	Waters of the State	43.057017	-85.590091	MEDIUM-HIGH	OUTFALL	GRAND RIVER
PLN 27.03 DC	Waters of the State	43.055586	-85.597757	MEDIUM-HIGH	OUTFALL	GRAND RIVER
PLN 28.01 DC	Waters of the State	43.043596	-85.611129	MEDIUM-HIGH	OUTFALL	WET BASIN
PLN 28.02 DC	Waters of the State	43.053000	-85.629000	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
PLN 30.01 DC	Waters of the State	43.051893	-85.650118	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
PLN 30.02 DC	Waters of the State	43.053332	-85.660826	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
PLN 31.01 DC	Waters of the State	43.030000	-85.659000	MEDIUM-HIGH	OUTFALL	GRAND RIVER
PLN 32.01 DC	Waters of the State	43.034436	-85.640991	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
PLN 33.01 DC	Waters of the State	43.036336	-85.628107	MEDIUM-HIGH	OUTFALL	WET BASIN
PLN 33.02 DC	Waters of the State	43.036721	-85.627703	MEDIUM-HIGH	OUTFALL	WET BASIN
PLN 33.03 DC	Waters of the State	43.036368	-85.627922	MEDIUM-HIGH	OUTFALL	WET BASIN
PLN 33.04 DC	Waters of the State	43.038048	-85.628344	MEDIUM-HIGH	OUTFALL	WET BASIN
PLN 33.05 DC	Waters of the State	43.038014	-85.628597	MEDIUM-HIGH	OUTFALL	WET BASIN
PLN 34.01 DC	Waters of the State	43.034490	-85.598815	MEDIUM-HIGH	OUTFALL	WET BASIN
PLN 34.02 DC	Waters of the State	43.038801	-85.597818	MEDIUM-HIGH	OUTFALL	WET BASIN
SOL 35.01 DC	Waters of the State	43.211368	-85.578495	MEDIUM-LOW	OUTFALL	TRIB TO CEDAR CREEK
SPR 27.01 DC	Waters of the State	43.144508	-85.728754	MEDIUM-LOW	OUTFALL	TRIB TO ROGUE RIVER
SPR 35.01 DC	Waters of the State	43.117120	-85.699017	MEDIUM-LOW	OUTFALL	TRIB TO ROGUE RIVER
TYR 19.01 DC	Waters of the State	43.237757	-85.787080	MEDIUM-LOW	OUTFALL	TRIB TO ROGUE RIVER
TYR 30.01 DC	Waters of the State	43.226887	-85.776638	MEDIUM-LOW	OUTFALL	GREINER DRAIN
TYR 32.01 DC	Waters of the State	43.214719	-85.766011	MEDIUM-LOW	OUTFALL	TRIB TO CROCKERY CREEK
TYR 32.02 DC	Waters of the State	43.214710	-85.766018	MEDIUM-LOW	OUTFALL	TRIB TO CROCKERY CREEK
TYR 33.01 DC	Waters of the State	43.215200	-85.746900	MEDIUM-LOW	OUTFALL	BALL CREEK
VER 26.01 DC	Waters of the State	42.961442	-85.339753	MEDIUM-LOW	OUTFALL	FLAT RIVER
VER 31.01 DC	Waters of the State	42.945465	-85.414044	MEDIUM-LOW	OUTFALL	TRIB TO GRAND RIVER
VER 35.01 DC	Waters of the State	42.956828	-85.340000	MEDIUM-LOW	OUTFALL	TRIB TO FLAT RIVER
VSP 22.01 DC	Waters of the State	43.155639	-85.715862	MEDIUM-HIGH	OUTFALL	ROGERS DRAIN
WLK 01.01 DC	Waters of the State	43.026024	-85.498500	MEDIUM-HIGH	OUTFALL	YORK CREEK/ALPINE WALKER DRAIN
WLK 01.02 DC	Waters of the State	43.026798	-85.691429	MEDIUM-HIGH	OUTFALL	YORK CREEK/ALPINE WALKER DRAIN
WLK 04.01 DC	Waters of the State	43.020969	-85.738487	MEDIUM-HIGH	OUTFALL	TRIB TO INDIAN MILL CREEK
WLK 05.01 DC	Waters of the State	43.015997	-85.759353	MEDIUM-HIGH	OUTFALL	TRIB TO SAND CREEK
WLK 06.01 DC	Waters of the State	43.020626	-85.777591	MEDIUM-LOW	OUTFALL	TRIB TO SAND CREEK
WLK 06.02 DC	Waters of the State	43.020055	-85.777143	MEDIUM-LOW	OUTFALL	TRIB TO SAND CREEK
WLK 06.03 DC	Waters of the State	43.019909	-85.785346	MEDIUM-LOW	OUTFALL	TRIB TO SAND CREEK

2022 OUTFALL/DISCHARGE POINT LIST

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
WLK 06.04 DC	Waters of the State	43.019165	-85.786326	MEDIUM-LOW	OUTFALL	TRIB TO SAND CREEK
WLK 07.01 DC	Waters of the State	43.005244	-85.775872	MEDIUM-HIGH	OUTFALL	VET BASIN - TRIB TO FRIAR AND KIMBALL DRAIN
WLK 08.01 DC	Waters of the State	43.012069	-85.760039	MEDIUM-HIGH	OUTFALL	FRUIT RIDGE IND PARK POND
WLK 08.02 DC	Waters of the State	43.011642	-85.760045	MEDIUM-HIGH	OUTFALL	WETLANDS- TRIB TO SAND CREEK
WLK 08.03 DC	Waters of the State	43.010055	-85.761122	MEDIUM-HIGH	OUTFALL	WETLANDS-TRIB TO SAND CREEK
WLK 08.04 DC	Waters of the State	43.006358	-85.764927	MEDIUM-HIGH	OUTFALL	NOLAN DRAIN
WLK 08.05 DC	Waters of the State	43.001423	-85.765076	MEDIUM-HIGH	OUTFALL	NOLAN DRAIN
WLK 10.01 DC	Waters of the State	43.003508	-85.724028	MEDIUM-HIGH	OUTFALL	INDIAN MILL CREEK
WLK 10.02 DC	Waters of the State	43.003508	-85.724525	MEDIUM-HIGH	OUTFALL	TRIB TO INDIAN MILL CREEK
WLK 12.01 DC	Waters of the State	43.008469	-85.680037	MEDIUM-HIGH	OUTFALL	TRIB TO NOLAN DRAIN
WLK 12.02 DC	Waters of the State	43.006586	-85.676678	MEDIUM-HIGH	OUTFALL	TRIB TO NOLAN DRAIN
WLK 12.03 DC	Waters of the State	43.004178	-85.688089	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
WLK 12.04 DC	Waters of the State	43.001110	-85.676623	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
WLK 12.05 DC	Waters of the State	43.008700	-85.677463	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
WLK 17.01 DC	Waters of the State	42.996189	-85.756087	MEDIUM-HIGH	OUTFALL	MULLINS DRAIN
WLK 17.02 DC	Waters of the State	42.995915	-85.756056	MEDIUM-HIGH	OUTFALL	MULLINS DRAIN
WLK 17.07 DC	Waters of the State	42.988760	-85.747888	MEDIUM-HIGH	OUTFALL	TRIB TO BRANDYWINE
WLK 19.01 DC	Waters of the State	42.983845	-85.781686	MEDIUM-HIGH	OUTFALL	TALLMAN CREEK DRAIN
WLK 19.02 DC	Waters of the State	42.975979	-85.771346	MEDIUM-HIGH	OUTFALL	TALLMAN CREEK DRAIN
WLK 20.02 DC	Waters of the State	42.985405	-85.759545	MEDIUM-HIGH	OUTFALL	WORDEN DRAIN
WLK 20.03 DC	Waters of the State	42.980432	-85.759074	MEDIUM-HIGH	OUTFALL	WET DETENTION BASIN
WLK 20.04 DC	Waters of the State	42.981648	-85.756303	MEDIUM-HIGH	OUTFALL	WORDEN DRAIN
WLK 20.06 DC	Waters of the State	42.981654	-85.754969	MEDIUM-HIGH	OUTFALL	TRIB TO WORDEN DRAIN
WLK 20.07 DC	Waters of the State	42.980339	-85.751010	MEDIUM-HIGH	OUTFALL	GRAHAM & WORDEN DRAIN
WLK 29.01 DC	Waters of the State	42.968171	-85.756937	MEDIUM-HIGH	OUTFALL	SEXTON DRAIN
WLK 29.02 DC	Waters of the State	42.959908	-85.757702	MEDIUM-HIGH	OUTFALL	TRIB TO TALLMAN CREEK
WLK 29.03 DC	Waters of the State	42.959468	-85.759396	MEDIUM-HIGH	OUTFALL	TRIB TO TALLMAN CREEK
WLK 30.01 DC	Waters of the State	42.970943	-85.768884	MEDIUM-HIGH	OUTFALL	TRIB TO GRAND RIVER
WLK 30.02 DC	Waters of the State	42.968033	-85.767648	MEDIUM-HIGH	OUTFALL	TALLMAN CREEK
WYM 02.01 DC	Waters of the State	42.935691	-85.687364	MEDIUM-HIGH	OUTFALL	PLASTER CREEK
WYM 09.01 DC	Waters of the State	42.921093	-85.742189	MEDIUM-HIGH	OUTFALL	ROYS CREEK
WYM 15.01 DC	Waters of the State	42.907768	-85.713380	MEDIUM-HIGH	OUTFALL	ROYS CREEK
WYM 15.02 DC	Waters of the State	42.911705	-85.707351	MEDIUM-HIGH	OUTFALL	ROYS CREEK
WYM 19.01 DC	Waters of the State	42.894355	-85.648783	MEDIUM-HIGH	OUTFALL	TRIB TO HEYBOER MAIN DRAIN
WYM 19.02 DC	Waters of the State	42.891203	-85.649928	MEDIUM-HIGH	OUTFALL	HEYBOER MAIN DRAIN
WYM 19.03 DC	Waters of the State	42.885708	-85.649355	MEDIUM-HIGH	OUTFALL	HEYBOER MAIN DRAIN
WYM 19.04 DC	Waters of the State	42.884183	-85.653598	MEDIUM-HIGH	OUTFALL	HEYBOER MAIN DRAIN

2022 OUTFALL/DISCHARGE POINT LIST

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
BYN 14.02 PRK	Waters of the State	42.816000	-85.691000	MEDIUM HIGH	OUTFALL	BUCK CREEK
BYN 14.03 PRK	Waters of the State	42.817000	-85.691000	MEDIUM HIGH	OUTFALL	BUCK CREEK
BYN 14.04 PRK	Waters of the State	42.815000	-85.693000	MEDIUM HIGH	OUTFALL	BUCK CREEK
BYN 36.01 DPW	Waters of the State	42.771561	-85.680443	MEDIUM HIGH	OUTFALL	BUCK CREEK
BYN 36.02 DPW	Waters of the State	42.778040	-85.677679	MEDIUM HIGH	OUTFALL	TRIB TO BUCK CREEK
BYN 36.03 DPW	Waters of the State	42.768401	-85.675605	MEDIUM HIGH	OUTFALL	BUCK CREEK
CRT 27.01 PRK	Waters of the State	43.138970	-85.488000	MEDIUM LOW	OUTFALL	MYERS LAKE
GRC 20.01 KC	Waters of the State	42.976000	-85.637000	MEDIUM HIGH	OUTFALL	WETLANDS - TRIB TO CORDUROY CREEK
GRC 20.02 KC	Waters of the State	42.976000	-85.637000	MEDIUM HIGH	OUTFALL	WETLANDS - TRIB TO CORDUROY CREEK
GRC 20.03 KC	Waters of the State	42.975000	-85.636000	MEDIUM HIGH	OUTFALL	WETLANDS - TRIB TO CORDUROY CREEK
GRC 20.04 KC	Waters of the State	42.975000	-85.635000	MEDIUM HIGH	OUTFALL	CORDUROY POND - WETLANDS
GRC 20.05 KC	Waters of the State	42.974000	-85.633000	MEDIUM HIGH	OUTFALL	CORDUROY POND - WETLANDS
GRC 20.06 KC	Waters of the State	42.974000	-85.633000	MEDIUM HIGH	OUTFALL	CORDUROY POND - WETLANDS
GRC 20.07 KC	Waters of the State	42.974000	-85.633000	MEDIUM HIGH	OUTFALL	CORDUROY POND - WETLANDS
GRC 35.01 DPW	Waters of the State	42.950000	-85.694000	MEDIUM HIGH	OUTFALL	GRAND RIVER
KWD 27.01 DPW	Waters of the State	42.876000	-85.589000	MEDIUM HIGH	OUTFALL	PLASTER CREEK
KWD 27.02 DPW	Waters of the State	42.875000	-85.590000	MEDIUM HIGH	OUTFALL	PLASTER CREEK
KWD 27.03 DPW	Waters of the State	42.873000	-85.590000	MEDIUM HIGH	OUTFALL	PLASTER CREEK
PLN 03.01 DPW	Waters of the State	43.116129	-85.595073	MEDIUM HIGH	OUTFALL	Trib to Rogue River
PLN 03.02 DPW	Waters of the State	43.116000	-85.593000	MEDIUM HIGH	OUTFALL	Trib to Rogue River
PLN 03.03 DPW	Waters of the State	43.110000	-85.597000	MEDIUM HIGH	OUTFALL	Trib to Rogue River
PLN 03.04 DPW	Waters of the State	43.111809	-85.598849	MEDIUM HIGH	OUTFALL	Trib to Rogue River
PLN 31.02 PRK	Waters of the State	43.035520	-85.668700	MEDIUM HIGH	OUTFALL	MILL CREEK
PLN 31.03 PRK	Waters of the State	43.034150	-85.667240	MEDIUM HIGH	OUTFALL	MILL CREEK
PLN 31.04 PRK	Waters of the State	43.033740	-85.666820	MEDIUM HIGH	OUTFALL	MILL CREEK
WLK 05.02 PRK	Waters of the State	42.934000	-85.749000	MEDIUM LOW	OUTFALL	TRIB TO GRAND RIVER
WLK 05.03 PRK	Waters of the State	42.935000	-85.748000	MEDIUM LOW	OUTFALL	TRIB TO GRAND RIVER
WLK 05.04 PRK	Waters of the State	42.937000	-85.747000	MEDIUM LOW	OUTFALL	TRIB TO GRAND RIVER
WLK 07.02 PRK	Waters of the State	42.919685	-85.765610	MEDIUM HIGH	OUTFALL	GRAND RIVER
WLK 07.03 PRK	Waters of the State	42.915727	-85.767320	MEDIUM HIGH	OUTFALL	GRAND RIVER
WLK 07.04 PRK	Waters of the State	42.915673	-85.767370	MEDIUM HIGH	OUTFALL	GRAND RIVER
WLK 07.05 PRK	Waters of the State	42.923158	-85.764790	MEDIUM HIGH	OUTFALL	GRAND RIVER
ADA 28.01 DC	MS4 TO MS4	42.960000	-85.506000	MEDIUM	DISCHARGE POINT	Tributary to Grand River
ALP 23.01 DC	MS4 TO MS4	43.069000	-85.691000	MEDIUM	DISCHARGE POINT	TRIB TO STRAWBERRY CREEK
ALP 23.02 DC	MS4 TO MS4	43.069000	-85.692000	LOW	DISCHARGE POINT	TRIB TO STRAWBERRY CREEK
ALP 24.01 DC	MS4 TO MS4	43.069000	-85.690000	MEDIUM	DISCHARGE POINT	TRIB TO STRAWBERRY CREEK
BYN 02.01 DC	MS4 TO MS4	42.841000	-85.693000	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK

2022 OUTFALL/DISCHARGE POINT LIST

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
BYN 02.02 DC	MS4 TO MS4	42.845000	-85.691000	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK
BYN 02.03 DC	MS4 TO MS4	42.845000	-85.691000	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK
BYN 02.04 DC	MS4 TO MS4	42.845845	-85.690993	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK
BYN 02.05 DC	MS4 TO MS4	42.846560	-85.692194	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK
BYN 02.06 DC	MS4 TO MS4	42.845863	-85.689889	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK
BYN 02.07 DC	MS4 TO MS4	42.845874	-85.689373	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK
BYN 02.08 DC	MS4 TO MS4	42.845403	-85.689351	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK
BYN 02.09 DC	MS4 TO MS4	42.844759	-85.697279	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK
BYN 03.14 DC	MS4 TO MS4	42.842000	-85.721000	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 03.15 DC	MS4 TO MS4	42.846241	-85.722129	MEDIUM	DISCHARGE POINT	VANSINGEL FARMS WET BASIN
BYN 03.16 DC	MS4 TO MS4	42.845253	-85.722134	MEDIUM	DISCHARGE POINT	VANSINGEL FARMS WET BASIN
BYN 03.17 DC	MS4 TO MS4	42.844517	-85.722049	MEDIUM	DISCHARGE POINT	VANSINGEL FARMS WET BASIN
BYN 03.18 DC	MS4 TO MS4	42.843242	-85.721999	MEDIUM	DISCHARGE POINT	VANSINGEL FARMS WET BASIN
BYN 03.19 DC	MS4 TO MS4	42.845011	-85.716848	MEDIUM	DISCHARGE POINT	VANSINGEL FARMS WET BASIN
BYN 03.20 DC	MS4 TO MS4	42.845449	-85.717784	MEDIUM	DISCHARGE POINT	VANSINGEL FARMS WET BASIN
BYN 03.21 DC	MS4 TO MS4	42.846092	-85.719638	MEDIUM	DISCHARGE POINT	VANSINGEL FARMS WET BASIN
BYN 03.22 DC	MS4 TO MS4	42.846245	-85.720634	MEDIUM	DISCHARGE POINT	VANSINGEL FARMS WET BASIN
BYN 06.03 DC	MS4 TO MS4	42.854080	-85.781092	LOW	DISCHARGE POINT	RUSH CREEK (EAST BRANCH)
BYN 06.04 DC	MS4 TO MS4	42.851332	-85.770629	LOW	DISCHARGE POINT	TRIB TO RUSH CREEK (EAST BRANCH)
BYN 06.05 DC	MS4 TO MS4	42.851919	-85.772860	LOW	DISCHARGE POINT	TRIB TO RUSH CREEK (EAST BRANCH)
BYN 06.06 DC	MS4 TO MS4	42.852931	-85.770353	LOW	DISCHARGE POINT	TRIB TO RUSH CREEK (EAST BRANCH)
BYN 06.07 DC	MS4 TO MS4	42.853281	-85.771586	LOW	DISCHARGE POINT	TRIB TO RUSH CREEK (EAST BRANCH)
BYN 06.08 DC	MS4 TO MS4	42.850414	-85.777972	LOW	DISCHARGE POINT	RUSH CREEK (EAST BRANCH)
BYN 09.05 DC	MS4 TO MS4	42.837000	-85.723000	MEDIUM	DISCHARGE POINT	RUSH CREEK (EAST BRANCH)
BYN 09.06 DC	MS4 TO MS4	42.838000	-85.723000	MEDIUM	DISCHARGE POINT	RUSH CREEK (EAST BRANCH)
BYN 09.08 DC	MS4 TO MS4	42.837365	-85.727352	MEDIUM	DISCHARGE POINT	RUSH CREEK (EAST BRANCH)
BYN 09.09 DC	MS4 TO MS4	42.836632	-85.727560	MEDIUM	DISCHARGE POINT	RUSH CREEK (EAST BRANCH)
BYN 09.10 DC	MS4 TO MS4	42.833318	-85.739323	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.11 DC	MS4 TO MS4	42.833307	-85.740171	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.12 DC	MS4 TO MS4	42.833090	-85.740366	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.13 DC	MS4 TO MS4	42.832340	-85.740238	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.14 DC	MS4 TO MS4	42.832141	-85.740147	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.15 DC	MS4 TO MS4	42.832451	-85.738678	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.16 DC	MS4 TO MS4	42.831670	-85.740156	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.17 DC	MS4 TO MS4	42.830815	-85.739363	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.18 DC	MS4 TO MS4	42.829989	-85.740158	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.19 DC	MS4 TO MS4	42.828871	-85.738570	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN

2022 OUTFALL/DISCHARGE POINT LIST

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
BYN 09.20 DC	MS4 TO MS4	42.828809	-85.738524	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 09.21 DC	MS4 TO MS5	42.827716	-85.741053	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 10.16 DC	MS4 TO MS4	42.836000	-85.723000	MEDIUM	DISCHARGE POINT	RUSH CREEK (EAST BRANCH)
BYN 10.18 DC	MS4 TO MS4	42.831000	-85.722000	MEDIUM	DISCHARGE POINT	WARNER COUNTY DRAIN
BYN 10.22 DC	MS4 TO MS4	42.833000	-85.703000	MEDIUM	DISCHARGE POINT	GOOSE CREEK
BYN 10.23 DC	MS4 TO MS4	42.839941	-85.721596	MEDIUM	DISCHARGE POINT	WEST LAKE BYRON
BYN 10.24 DC	MS4 TO MS4	42.838972	-85.721983	MEDIUM	DISCHARGE POINT	WEST LAKE BYRON
BYN 10.25 DC	MS4 TO MS4	42.838266	-85.719516	MEDIUM	DISCHARGE POINT	WEST LAKE BYRON
BYN 10.26 DC	MS4 TO MS4	42.838189	-85.714305	MEDIUM	DISCHARGE POINT	WEST LAKE BYRON
BYN 10.27 DC	MS4 TO MS4	42.836235	-85.720717	MEDIUM	DISCHARGE POINT	RUSH CREEK (EAST BRANCH)
BYN 10.28 DC	MS4 TO MS4	42.835149	-85.710819	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.29 DC	MS4 TO MS4	42.835109	-85.711914	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.30 DC	MS4 TO MS4	42.835096	-85.712443	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.31 DC	MS4 TO MS4	42.835656	-85.712517	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.32 DC	MS4 TO MS4	42.836398	-85.712524	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.33 DC	MS4 TO MS4	42.836895	-85.712390	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.34 DC	MS4 TO MS4	42.837374	-85.712287	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.35 DC	MS4 TO MS4	42.835856	-85.710800	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.36 DC	MS4 TO MS4	42.836782	-85.710580	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.37 DC	MS4 TO MS4	42.836226	-85.709460	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.38 DC	MS4 TO MS4	42.836743	-85.708724	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.39 DC	MS4 TO MS4	42.836702	-85.708863	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.40 DC	MS4 TO MS4	42.837179	-85.708860	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.41 DC	MS4 TO MS4	42.837196	-85.709523	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.42 DC	MS4 TO MS4	42.837170	-85.710225	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.43 DC	MS4 TO MS4	42.835763	-85.708787	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.44 DC	MS4 TO MS4	42.835118	-85.708889	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.45 DC	MS4 TO MS4	42.836264	-85.708828	MEDIUM	DISCHARGE POINT	WATERS EDGE WET BASIN
BYN 10.46 DC	MS4 TO MS4	42.827089	-85.720583	MEDIUM	DISCHARGE POINT	WARNER DRAIN
BYN 10.47 DC	MS4 TO MS4	42.828353	-85.720687	MEDIUM	DISCHARGE POINT	WARNER DRAIN
BYN 10.48 DC	MS4 TO MS4	42.830017	-85.721415	MEDIUM	DISCHARGE POINT	WARNER DRAIN
BYN 10.49 DC	MS4 TO MS4	42.832552	-85.720909	MEDIUM	DISCHARGE POINT	WARNER DRAIN
BYN 10.50 DC	MS4 TO MS4	42.832545	-85.719753	MEDIUM	DISCHARGE POINT	WARNER DRAIN
BYN 10.51 DC	MS4 TO MS4	42.832446	-85.718074	MEDIUM	DISCHARGE POINT	WARNER DRAIN
BYN 10.52 DC	MS4 TO MS4	42.830207	-85.719846	MEDIUM	DISCHARGE POINT	WARNER DRAIN
BYN 10.53 DC	MS4 TO MS4	42.830998	-85.716902	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 10.54 DC	MS4 TO MS4	42.829154	-85.717149	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN

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Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
BYN 10.55 DC	MS4 TO MS4	42.827406	-85.716453	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 10.56 DC	MS4 TO MS4	42.829780	-85.714523	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 10.57 DC	MS4 TO MS4	42.831876	-85.709397	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 10.58 DC	MS4 TO MS4	42.832550	-85.708994	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 10.59 DC	MS4 TO MS4	42.832551	-85.707181	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 10.60 DC	MS4 TO MS4	42.831096	-85.703318	MEDIUM	DISCHARGE POINT	TRIB TO GOOSE CREEK
BYN 10.61 DC	MS4 TO MS4	42.829142	-85.719262	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 10.62 DC	MS4 TO MS4	42.829508	-85.71865	MEDIUM	DISCHARGE POINT	TRIB TO KNIGHT DRAIN
BYN 14.06 DC	MS4 TO MS4	42.820957	-85.702897	MEDIUM	DISCHARGE POINT	TRIB TO BUCK CREEK
BYN 14.07 DC	MS4 TO MS4	42.821550	-85.698405	MEDIUM	DISCHARGE POINT	TRIB TO BUCK CREEK
BYN 15.01 DC	MS4 TO MS4	42.824000	-85.707000	MEDIUM	DISCHARGE POINT	WINCHESTER COUNTY DRAIN
BYN 15.02 DC	MS4 TO MS4	42.815000	-85.703000	LOW	DISCHARGE POINT	TRIB TO WILLARD COUNTY DRAIN
BYN 15.07 DC	MS4 TO MS4	42.819000	-85.712000	MEDIUM	DISCHARGE POINT	TRIB TO WARNER COUNTY DRAIN
BYN 21.01 DC	MS4 TO MS4	42.812000	-85.738000	LOW	DISCHARGE POINT	KNIGHT COUNTY DRAIN
BYN 22.06 DC	MS4 TO MS4	42.803000	-85.709000	MEDIUM	DISCHARGE POINT	LANTING COUNTY DRAIN
BYN 23.06 DC	MS4 TO MS4	42.811812	-85.686015	LOW	DISCHARGE POINT	TRIB TO CARLISLE DRAIN
BYN 24.01 DC	MS4 TO MS4	42.808058	-85.675129	LOW	DISCHARGE POINT	TRIB TO CARLISLE DRAIN
CAN 09.03 DC	MS4 TO MS4	43.097000	-85.505000	MEDIUM	DISCHARGE POINT	GRASS LAKE
CAN 18.01 DC	MS4 TO MS4	43.082099	-85.550785	LOW	DISCHARGE POINT	COURTLAND DR. ROAD CULVERT
CAS 08.01 DC	MS4 TO MS4	42.920000	-85.527000	MEDIUM	DISCHARGE POINT	PRIVATE POND
CAS 10.02 DC	MS4 TO MS4	42.924000	-85.472000	MEDIUM	DISCHARGE POINT	TRIB TO GRAND RIVER
CAS 15.05 DC	MS4 TO MS4	42.908000	-85.479000	MEDIUM	DISCHARGE POINT	TRIB TO THORNAPPLE RIVER
CAS 15.06 DC	MS4 TO MS4	42.910000	-85.475000	MEDIUM	DISCHARGE POINT	APPLE HILLS COUNTY DRAIN
CAS 15.07 DC	MS4 TO MS4	42.908000	-85.475000	MEDIUM	DISCHARGE POINT	APPLE HILLS COUNTY DRAIN
CAS 17.01 DC	MS4 TO MS4	42.907000	-85.527000	MEDIUM	DISCHARGE POINT	PATTERSON COUNTY DRAIN
CAS 31.01 DC	MS4 TO MS4	42.867000	-85.546000	LOW	DISCHARGE POINT	TRIB TO FISK DRAIN
CAS 31.02 DC	MS4 TO MS4	42.867000	-85.546000	LOW	DISCHARGE POINT	TRIB TO FISK DRAIN
EGR 03.01 DC	MS4 TO MS4	42.940009	-85.597301	MEDIUM	DISCHARGE POINT	REEDS LAKE
GDV 29.02 DC	MS4 TO MS4	42.884161	-85.757684	MEDIUM	DISCHARGE POINT	HUIZENGA DRAIN
GNS 04.01 DC	MS4 TO MS4	42.848000	-85.612000	MEDIUM	DISCHARGE POINT	TRIB TO CUTLERVILLE DRAIN
GNS 04.04 DC	MS4 TO MS4	42.841000	-85.617000	MEDIUM	DISCHARGE POINT	TRIB TO CUTLERVILLE DRAIN
GNS 05.05 DC	MS4 TO MS4	42.841000	-85.644000	MEDIUM	DISCHARGE POINT	CUTLERVILLE DRAIN
GNS 07.03 DC	MS4 TO MS4	42.839000	-85.650000	MEDIUM	DISCHARGE POINT	CUTLERVILLE DRAIN
GNS 07.04 DC	MS4 TO MS4	42.838000	-85.649000	MEDIUM	DISCHARGE POINT	CUTLERVILLE DRAIN
GNS 09.01 DC	MS4 TO MS4	42.830000	-85.624000	MEDIUM	DISCHARGE POINT	BUCK CREEK
GNS 09.05 DC	MS4 TO MS4	42.840000	-85.619000	MEDIUM	DISCHARGE POINT	CUTLERVILLE DRAIN
GNS 09.07 DC	MS4 TO MS4	42.834000	-85.610000	MEDIUM	DISCHARGE POINT	PLASTER CREEK

2022 OUTFALL/DISCHARGE POINT LIST

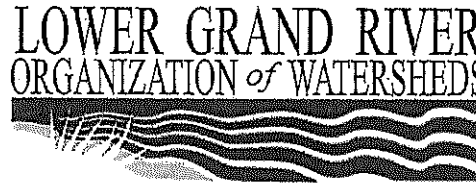
Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
GNS 11.01 DC	MS4 TO MS4	42.834000	-85.575000	LOW	DISCHARGE POINT	TRIB TO PLASTER CREEK
GNS 11.02 DC	MS4 TO MS4	42.833000	-85.575000	LOW	DISCHARGE POINT	TRIB TO PLASTER CREEK
GNS 11.04 DC	MS4 TO MS4	42.831450	-85.584214	LOW	DISCHARGE POINT	TRIB TO PLASTER CREEK
GNS 11.05 DC	MS4 TO MS4	42.830969	85.581292	LOW	DISCHARGE POINT	TRIB TO PLASTER CREEK
GNS 18.08 DC	MS4 TO MS4	42.813000	-85.644000	MEDIUM	DISCHARGE POINT	SHARPS CREEK
GNS 18.10 DC	MS4 TO MS4	42.819000	-85.645000	MEDIUM	DISCHARGE POINT	TRIB TO SHARPS CREEK
GRC 05.01 DC	MS4 TO MS4	43.027000	-85.635000	MEDIUM	DISCHARGE POINT	TRIB TO SOFT WATER LAKE
GRC 09.02 DC	MS4 TO MS4	43.006000	-85.625000	MEDIUM	DISCHARGE POINT	TRIB TO LAMBERTON CREEK
GRC 09.04 DC	MS4 TO MS4	43.004000	-85.740000	MEDIUM	DISCHARGE POINT	TRIB TO BRANDYWINE CREEK
GRC 09.05 DC	MS4 TO MS4	42.925658	-85.621871	MEDIUM	DISCHARGE POINT	TRIB TO BURTON BRETON DRAIN
GRC 09.06 DC	MS4 TO MS4	42.921375	-85.627799	MEDIUM	DISCHARGE POINT	TRIB TO LARAWAY BROOKLYN DRAIN
GRC 10.07 DC	MS4 TO MS4	42.919367	-85.598508	MEDIUM	DISCHARGE POINT	TRIB TO BURTON BRETON DRAIN
GRC 17.01 DC	MS4 TO MS4	42.986000	-85.630000	MEDIUM	DISCHARGE POINT	WETLANDS/POND
GRC 17.02 DC	MS4 TO MS4	42.992000	-85.646000	LOW	DISCHARGE POINT	PALMER SEPARATION COUNTY DRAIN
GRC 20.04 DC	MS4 TO MS4	42.980000	-85.646000	HIGH	DISCHARGE POINT	COLDBROOK CARRIER CREEK COUNTY DRAIN
GRC 21.01 DC	MS4 TO MS4	42.974000	-85.625000	MEDIUM	DISCHARGE POINT	TRIB TO COLDBROOK CORDUROY POND
GRC 21.04 DC	MS4 TO MS4	42.979000	-85.737000	MEDIUM	DISCHARGE POINT	WETLAND
GRC 21.05 DC	MS4 TO MS4	42.979000	-85.737000	MEDIUM	DISCHARGE POINT	WETLAND
GRC 22.02 DC	MS4 TO MS4	42.975000	-85.717000	MEDIUM	DISCHARGE POINT	GRAND RIVER
GRC 23.01 DC	MS4 TO MS4	42.973000	-85.707000	MEDIUM	DISCHARGE POINT	GRAND RIVER
GRC 27.03 DC	MS4 TO MS4	42.967000	-85.722000	MEDIUM	DISCHARGE POINT	TRIB TO GRAND RIVER
GRT 04.04 DC	MS4 TO MS4	43.014000	-85.614000	MEDIUM	DISCHARGE POINT	TRIB TO LAMBERTON CREEK
GRT 04.05 DC	MS4 TO MS4	43.013000	-85.622000	MEDIUM	DISCHARGE POINT	TRIB TO LAMBERTON CREEK
GRT 10.01 DC	MS4 TO MS4	43.012000	-85.605000	MEDIUM	DISCHARGE POINT	TRIB TO LAMBERTON CREEK
GRT 10.02 DC	MS4 TO MS4	43.009000	-85.606000	MEDIUM	DISCHARGE POINT	TRIB TO LAMBERTON CREEK
GRT 10.06 DC	MS4 TO MS4	43.010000	-85.591000	MEDIUM	DISCHARGE POINT	WETLANDS/PONDS
GRT 26.02 DC	MS4 TO MS4	42.965000	-85.590000	MEDIUM	DISCHARGE POINT	CHURCH LAKE
GRT 27.01 DC	MS4 TO MS4	42.962000	-85.600000	MEDIUM	DISCHARGE POINT	TRIB TO WATERS COUNTY DRAIN
GRT 27.02 DC	MS4 TO MS4	42.962000	-85.596000	MEDIUM	DISCHARGE POINT	TRIB TO WATERS COUNTY DRAIN
GRT 36.02 DC	MS4 TO MS4	42.946000	-85.555000	MEDIUM	DISCHARGE POINT	MARTIN AND BEAK DRAIN
GRT 36.03 DC	MS4 TO MS4	42.947000	-85.551000	MEDIUM	DISCHARGE POINT	MARTIN AND BEAK DRAIN
KWD 22.02 DC	MS4 TO MS4	42.890745	-85.587227	MEDIUM	DISCHARGE POINT	PLASTER CREEK
KWD 35.02 DC	MS4 TO MS4	42.868814	-85.567455	MEDIUM	DISCHARGE POINT	PLASTER CREEK
LOW 04.02 DC	MS4 TO MS4	42.932313	-85.381262	MEDIUM	DISCHARGE POINT	TRIB TO GRAND RIVER
LOW 04.07 DC	MS4 TO MS4	42.943733	-85.378591	LOW	DISCHARGE POINT	TRIB TO GRAND RIVER
LOW 04.08 DC	MS4 TO MS4	42.936900	-85.380700	LOW	DISCHARGE POINT	TRIB TO GRAND RIVER
PLN 11.02 DC	MS4 TO MS4	43.089620	-85.580047	MEDIUM	DISCHARGE POINT	TRIB TO ROGUE RIVER

2022 OUTFALL/DISCHARGE POINT LIST

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL
PLN 13.01 DC	MS4 TO MS4	43.085659	-85.565265	MEDIUM	DISCHARGE POINT	TRIB TO GRAND RIVER
PLN 14.03 DC	MS4 TO MS4	43.079625	-85.580018	LOW	DISCHARGE POINT	PLASTER CREEK
PLN 17.01 DC	MS4 TO MS4	43.076366	-85.634551	MEDIUM	DISCHARGE POINT	SCOTT CREEK
PLN 20.01 DC	MS4 TO MS4	43.057736	-85.643194	MEDIUM	DISCHARGE POINT	GRAND RIVER
PLN 21.01 DC	MS4 TO MS4	43.065605	-85.616398	MEDIUM	DISCHARGE POINT	GRAND RIVER
PLN 22.01 DC	MS4 TO MS4	43.064496	-85.606199	MEDIUM	DISCHARGE POINT	GRAND RIVER
PLN 24.05 DC	MS4 TO MS4	43.064700	-85.568500	LOW	DISCHARGE POINT	GRAND RIVER
PLN 27.02 DC	MS4 TO MS4	43.051461	-85.597346	MEDIUM	DISCHARGE POINT	COIT AND PLAINFIELD DRAIN
PLN 29.01 DC	MS4 TO MS4	43.056297	-85.645931	MEDIUM	DISCHARGE POINT	GRAND RIVER
PLN 31.02 DC	MS4 TO MS4	43.032055	-85.650748	MEDIUM	DISCHARGE POINT	GRAND RIVER
PLN 33.06 DC	MS4 TO MS4	43.040354	-85.628177	MEDIUM	DISCHARGE POINT	WETLAND
PLN 35.01 DC	MS4 TO MS4	43.042402	-85.581466	LOW	DISCHARGE POINT	GRAND RIVER DRIVE DRAIN
WLK 02.01 DC	MS4 TO MS4	43.014719	-85.698670	MEDIUM	DISCHARGE POINT	ALPINE ESTATES DRAIN
WLK 06.05 DC	MS4 TO MS4	43.026256	-85.787935	LOW	DISCHARGE POINT	SAND CREE (EAST FORK)
WLK 07.02 DC	MS4 TO MS4	43.005756	-85.777475	LOW	DISCHARGE POINT	FRIAR AND KIMBALL OTTAWA COUNTY DRAIN
WLK 07.03 DC	MS4 TO MS4	43.007600	-85.768631	MEDIUM	DISCHARGE POINT	TRIB TO SAND CREEK (EAST FORK)
WLK 07.04 DC	MS4 TO MS4	43.006790	-85.786500	LOW	DISCHARGE POINT	FRIAR AND KIMBALL OTTAWA COUNTY DRAIN
WLK 09.01 DC	MS4 TO MS4	43.005000	-85.743000	MEDIUM	DISCHARGE POINT	BRANDYWINE CREEK
WLK 11.01 DC	MS4 TO MS4	43.009490	-85.697943	MEDIUM	DISCHARGE POINT	TRIB TO INDIAN MILL CREEK
WLK 11.02 DC	MS4 TO MS4	43.005347	-85.690833	MEDIUM	DISCHARGE POINT	COGSWELL DRAIN
WLK 17.03 DC	MS4 TO MS4	43.001150	-85.755866	MEDIUM	DISCHARGE POINT	TRIB TO BRANDYWINE CREEK
WLK 17.04 DC	MS4 TO MS4	43.001081	-85.753327	MEDIUM	DISCHARGE POINT	TRIB TO BRANDYWINE CREEK
WLK 17.05 DC	MS4 TO MS4	43.001020	-85.752582	MEDIUM	DISCHARGE POINT	TRIB TO BRANDYWINE CREEK
WLK 17.06 DC	MS4 TO MS4	43.000670	-85.752446	MEDIUM	DISCHARGE POINT	TRIB TO BRANDYWINE CREEK
WLK 18.01 DC	MS4 TO MS4	43.993419	-85.767985	MEDIUM	DISCHARGE POINT	MULLINS DRAIN
WLK 18.02 DC	MS4 TO MS4	43.992189	-85.768171	MEDIUM	DISCHARGE POINT	MULLINS DRAIN
WLK 20.01 DC	MS4 TO MS4	42.986682	-85.762655	MEDIUM	DISCHARGE POINT	WORDEN DRAIN
WLK 20.05 DC	MS4 TO MS4	42.986121	-85.755572	MEDIUM	DISCHARGE POINT	WORDEN DRAIN
WLK 20.08 DC	MS4 TO MS4	42.972209	-85.757245	MEDIUM	DISCHARGE POINT	SEXTON DRAIN
WLK 20.09 DC	MS4 TO MS4	42.982434	-85.763930	MEDIUM	DISCHARGE POINT	WORDEN DRAIN
WLK 29.04 DC	MS4 TO MS4	42.959977	-85.756328	MEDIUM	DISCHARGE POINT	TRIB TO GRAND RIVER
GRT 14.01 KC	MS4 TO MS4	42.998734	-85.585449	MEDIUM	DISCHARGE POINT	TRIB TO GRAND RIVER
GRC 20.08 KC	MS4 TO MS4	42.977000	-85.630000	MEDIUM	DISCHARGE POINT	CORDUROY POND - WETLANDS
GRC 26.01 DPW	MS4 TO MS4	42.957000	-85.693000	MEDIUM	DISCHARGE POINT	TRIB TO GRAND RIVER
GRC 31.01 KC	MS4 TO MS4	42.950000	-85.666000	MEDIUM	DISCHARGE POINT	GRAND RIVER
GRC 31.02 KC	MS4 TO MS4	42.949000	-85.664000	MEDIUM	DISCHARGE POINT	GRAND RIVER
GRC 31.03 KC	MS4 TO MS4	42.949000	-85.666000	MEDIUM	DISCHARGE POINT	GRAND RIVER

2022 OUTFALL/DISCHARGE POINT LIST

Outfall ID #	Point of Discharge	LATITUDE	LONGITUDE	PRIORITY	OUTFALL OR DISCHARGE POINT	ULTIMATE OUTFALL



Date: 11-1-2022

Stormwater Training

Time: 1130

Location: KCDC PAGE 1 OF 2

NAME:

JOB TITLE:

SIGNATURE:

Angie Latracts	Deputy Drain Comm - Kent County	Angie Latracts
R. Scott Lee	FMW - Kent County Sher: Lt	[Signature]
Ken Yonker	Drain Comm	Ken Yonker
Lani Brown	Drain Comm. Assistant	Lani Brown
Don Lore	DPW	Don Lore
PAUL SMITH	DPW	Paul R. Smith
Josh Matice	PARKS	[Signature]
Nick Vanderka	DPW	[Signature]
AL JANO	FM DIR.	[Signature]

