

**Illinois Environmental Protection Agency
Annual Facility Inspection Report
for General Permit for Discharges from Small MS4s**

**McHenry County – Permit No. ILR400264
Permit Year 22: March 2024 through February 2025**



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MCHENRY COUNTY · IL

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Part A. Changes to Best Management Practices, Year 22

Information regarding the status of all of the BMPs and measurable goals described in the MS4’s SMPP is provided in the following table.

Note: X indicates BMPs that were implemented in accordance with the MS4’s SMPP
 ✓ indicates BMPs that were changed during Year 22

| Year 21 MS4 | Best Management Practice (BMP) |
|--|--|
| A. Public Education and Outreach on Storm Water Impacts | |
| X | A.1 Distributed Paper Material |
| X | A.2 Speaking Engagement |
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| X | C.4 Illicit Discharge Tracing Procedures |
| X | C.5 Illicit Source Removal Procedures |
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| X | C.7 Visual Dry Weather Screening |
| | C.8 Pollutant Field Testing |
| | C.9 Public Notification |
| | C.10 Other Illicit Discharge Controls |

| Year 21 MS4 | Best Management Practice (BMP) |
|---|--|
| D. Construction Site Storm Water Runoff Control | |
| X | D.1 Regulatory Control Program |
| X | D.2 Erosion and Sediment Control BMPs |
| | D.3 Other Waste Control Program |
| X | D.4 Site Plan Review Procedures |
| | D.5 Public Information Handling Procedures |
| X | D.6 Site Inspection/Enforcement Procedures |
| X | D.7 Other Construction Site Runoff Controls |
| E. Post-Construction Storm Water Management in New Development and Redevelopment | |
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| X | E.2 Regulatory Control Program |
| X | E.3 Long Term O&M Procedures |
| X | E.4 Pre-Construction Review of BMP Designs |
| X | E.5 Site Inspections During Construction |
| X | E.6 Post-Construction Inspections |
| | E.7 Other Post-Construction Runoff Controls |
| F. Pollution Prevention/Good Housekeeping for Municipal Operations | |
| X | F.1 Employee Training Program |
| X | F.2 Inspection and Maintenance Program |
| X | F.3 Municipal Operations Storm Water Control |
| | F.4 Municipal Operations Waste Disposal |
| | F.5 Flood Management/Assess Guidelines |
| | F.6 Other Municipal Operations Controls |

No changes were made to the BMPs described in the MS4’s SMPP during Year 22.

The current version of the Permit was issued on February 10, 2016. A Notice of Intent for renewal of the General Permit was submitted to the IEPA on February 25, 2022, but McHenry County had not received documentation back from the IEPA at the time this report was completed. Therefore, the current MS4 complies with the March 1, 2016 Permit requirements for Year 15 and subsequent years including the current Year 22. The MS4 remains committed to performing activities related to the six MCMs described in the most recent version of the Permit.

Part B. Status of Compliance with Permit Conditions, Year 22

Stormwater Management Activities, Year 22

The stormwater management activities that the MS4 performed during Year 22, including the MS4's BMPs and measurable goals, are described in detail in the MS4's SMPP. A brief summary of the status of the MS4's stormwater management program, as of the end of Year 22, is provided below. The SMPP is attached for reference. The MS4's SMPP can also be viewed at www.mchenrycountyil.gov/departments/planning-development/water-resources/npdes

Status of Compliance with Permit Conditions

McHenry County revised its NOI in 2016 to better meet the requirements of the third permit cycle of the NPDES Phase II program to minimize nonpoint source pollution. All programs have been implemented.

Assessment of Appropriateness of Identified BMPs

McHenry County incorporates the reviewed and identified structural and non-structural BMPs included in McHenry County's Stormwater Management Ordinance, Access Management Ordinance, and Subdivision Ordinance, which now includes Conservation Design Standards, Illinois Urban Manual, and IDOT Standards and Specifications into all development and transportation projects to the maximum extent practicable. All BMPs were reviewed and assessed for appropriateness and a revised NOI was submitted in 2016. BMPs not referenced below have a Qualifying Local Program (QLP) and a reference to the Stormwater Management Program Plan (SMPP) expounding in more detail the QLP that fulfills the BMP requirement.

Progress Towards a Reduction in Pollutants Discharged

The McHenry County Division of Transportation (MCDOT) has long been a leader in the use of Sensible Salting practices for winter snow and ice management that help maintain safe roads while reducing salt use and water pollution. MCDOT has significantly reduced, and continues to further reduce, its salt usage during winter by implementing new innovative pre-wetting and liquid brine mixtures for “anti icing (applying brine before a storm)” and “deicing (applying brine during/after a storm)” in conjunction with equipment calibration and other Sensible Salting practices. Starting in Year 19, MCDOT installed new equipment to produce their own brine mixtures and installed a new tank farm to store the liquids. Additional “satellite” liquid brine storage locations have been added in the Village of Algonquin and Dunham Township. These “satellite” locations on the far ends of the county improve the efficiency of MCDOT to use liquid brine in their operations, as well as expand their partnering community's ability to use liquids. The liquid brine in the MCDOT tank farm and the satellite locations is safely stored within secondary containment systems to prevent the release of pollutants in the event of a leak.

In Year 22, MCDOT continued to expand and enhance its Sensible Salting practices. MCDOT has converted four of the snow-plow routes on County roads into “liquid-only” routes that only use liquid brine instead of solid “granular” material (except during weather conditions such as icing events that are not compatible with the use of liquids). The use of liquids instead of solid rock salt or other granular deicers can result in significantly less chloride being released into the environment while effectively maintaining public safety on roadways. Data from the liquid-only routes such as performance, chloride reduction, and cost savings are being monitored and recorded. MCDOT estimates that each liquid-only route reduces salt use by 38% over

conventional application practices and saves approximately \$36,000 per route annually. The collected data is being used to help promote the use of liquids by municipal transportation departments in the region and for other educational outreach and training that promote Sensible Salting practices.

In Year 22, MCDOT and the Department of Planning and Development continued hosting their Annual Sensible Salting Workshops. These workshops were held annually from 2009 to 2019 but had to be cancelled in 2020 and 2021 due to Covid-19. In 2023 and 2024 the Sensible Salting Workshops were expanded to include a Sensible Salting 101 Workshop designed for operators involved in winter snow and ice management, and a separate Sensible Salting 201 designed specifically for management and elected officials who are responsible for the policies and budgets that dictate salt use. The 2024 Sensible Salting 101 Workshops were held on October 16 and 17 and provided training for approximately 100 individuals. The Sensible Salting 201 Workshop was held on October 29 and provided specialized training for 20 senior staff. Another Sensible Salting program conducted in Year 22 provided opportunities for municipalities and townships to bring their deicing/anti-icing vehicles to one of three locations (MCDOT, the Village of Algonquin Public Works, or the City of Crystal Lake Public Works) so their staff can be trained by experts on how to properly calibrate their equipment.

The MCDOT maintenance department continues to collect trash in the rights-of-way every spring in conjunction with the strong Adopt-A-Highway program in McHenry County. The Sheriff's Office supplements trash pickup throughout the County with inmate community service labor. Additionally, the MCDOT street sweeper program reduces sediment load to receiving waters by cleaning all curbs and gutters at least twice in the year and the vector truck cleans catch basins on a rotating cycle throughout the year. These programs result in a large amount of tangible waste and pollutants never reaching surface waters.

In Year 22, the Annual McHenry County Water Forum was held in person at the McHenry County College conference center and auditorium. The Water Forum is a large annual event hosted by the McHenry County Department of Planning and Development with support from the Environmental Defenders of McHenry County and other sponsors to educate the public and elected officials about water resource issues. Each year's Water Forum focuses on a specific water resource topic. The topic of the 2024 Water Forum was water quality and stormwater, which included an overview of the Clean Water Act, the MS4 program, and stormwater Best Management Practices. The Illinois State Climatologist provided the keynote presentation addressing stormwater and the changing climate in McHenry County. Approximately 150 people attended. The entire event was filmed by McHenry County Communications staff and the recording has been posted to the County's websites as well as other organizations. At the time of writing this report, the video had over 90 views on the County YouTube page. Videos of past events and presentations are available online where they continue to reach and educate a growing number of people www.youtube.com/@mchenrycountyillinois/playlists

In Year 22, the McHenry County Department of Planning and Development staff worked collaboratively with the Conservation Foundation's Salt Smart Collaborative to host a Chloride Watchers Training Workshop. This workshop was part of the Talk and Tour Workshops that are co-hosted by the Environmental Defenders of McHenry County, a local environmental organization. Chloride Watchers is a citizen science program run by the National Great Rivers

Research and Education Center that helps volunteers monitor chloride levels in streams. Approximately 90 people attended the Chloride Watchers Workshop and approximately 21 volunteers participated in the citizen science chloride monitoring in McHenry County.

The IEPA audited this program in January 2017, reporting the County in full compliance to General Permit ILR40 and our Notice of Intent.

Progress Towards Achievement of Measurable Goals Identified for Permit Year 22

The status of progress towards achieving identified measurable goals for each of the minimum control measures is presented below:

1. Public Education and Outreach on Storm Water Impacts

BMP A.1 Distributed Paper Material

The goal of this program will be to make informational brochures available to the public to increase awareness of impacts from stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 22: The NPDES Coordinators will monitor and refresh supplies of informational materials and brochures available for the public at the MCDOT facility, Planning & Development office, posted on the County’s NPDES website and at public meetings for road construction projects. The Department of Health will oversee the availability of their brochures within their department. Monitoring the amount of brochures distributed will continue for BMP effectiveness.

During Year 22, the County maintained its measurable goal of providing informational material and brochures that increases awareness of the impacts of stormwater discharges on water bodies and steps that the public can take to reduce pollutants in stormwater runoff. Such information was made available to the public at all facilities, including the McHenry County Department of Planning and Development, MCDOT, and the Department of Health. County staff participated in a significant number of events in Year 22 that provided opportunities to distribute educational materials related to water quality. For compliance with the updated IPEA NPDES permit, current educational materials are consistent with the revised permit requirements. The County also provided distributable materials on climate change, including the USEPA’s “What Climate Change Means for Illinois” handouts. Refer to the SMPP Appendix 5.3 for a comprehensive list of brochures available in Year 22.

BMP A.2 Speaking Engagement

The goal of this program will be to provide verbal communications that helps to increase awareness of impacts of stormwater discharges on water bodies for stakeholders in the community and the steps the public can take to reduce pollutants in stormwater runoff.

Year 22: The NPDES Coordinators will provide presentations, demonstrations or other public speaking engagements to raise awareness about water quality issues associated with stormwater discharges. The speaking engagements may be conducted by members of Planning and Development, the Health Department or the MCDOT. The number of speaking engagements about water resources will be monitored to evaluate BMP effectiveness.

During Year 22, the NPDES Coordinators exceeded the County’s measurable goal for speaking engagements on behalf of water quality. McHenry County MS4 staff have provided presentations about water resources in person and online for a variety of organizations including the Kishwaukee Ecosystem Partnership, Cary Junior High School, Huntley Public library, the UI Extension Master Naturalist Program, the McHenry County Conservation District’s Climate Education Series, the 2024 Annual Water Forum, the UI Extension’s Boone County Watershed Steward for Leaders program, and the DuPage County MS4 Pollution Prevention Workshop. The Water Forum is a large event that is open to the public and the focus of the 2024 program specifically addressed the MS4 program, stormwater, and water quality.

McHenry County MS4 Staff also provided a detailed presentation about the NPDES and MS4 Permit Programs at an open public meeting of the McHenry County Stormwater Commission that consists of mayors and public works directors from McHenry County communities.

A partnership with the McHenry County Department of Planning and Development and the Environmental Defenders of McHenry County created a series of in-person events called Best Management Practice (BMP) “Talk and Tour” workshops that showcased examples of stormwater BMPs that had been successfully implemented in McHenry County. Several of the Talk and Tours focused on water quality, the value of trees to communities, water quality benefits from native vegetation and the importance of managing naturalized areas, and chloride monitoring for water quality. The final program of 2024 was a collaborative effort with the Conservation Foundation that provided information about chloride pollution from road salt and training for citizen science chloride monitoring of streams. Approximately 90 people participated in the Chloride Watchers Training. Some of the Workshops were filmed by County Communications staff and have been made available to the public on the County YouTube page <https://www.youtube.com/playlist?list=PLzzfM2HJg5yctUMdiDeFgCDakXC67U4Tc>.

MS4 staff participated in a number of in-person events to provide public education and outreach about water quality, including: an Earth Day celebration event that was held at the McHenry County Conservation District’s Prairie View Education Center; the McHenry County Fair that was held for a week at the County Fairgrounds; Planetpalooza, an environmental and social awareness event held in Woodstock, Illinois downtown City Square; Crystal Lake’s Johnny Appleseed Day Festival in collaboration with the Crystal Lake Sustainability Committee; and the McHenry County Wildflower Preservation and Propagation Committee’s 2024 Natural Landscaping Seminar.

MS4 staff collaborated with the McHenry County Schools Environmental Education Program (MCSEEP) to host the Spring Groundwater Field Day. The Groundwater Field Day includes stations where students learn about the water cycle, water quality, stormwater, groundwater, soils, and ecology. The 2024 Groundwater Field Day was held on May 15 and 137 sixth grade students from 8 schools participated in the event.

BMP A.3 Public Service Announcement

The goal of this program is to increase awareness of impacts from stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 22: The County will include one stormwater and/or water quality related article once a year in a conservation organization’s newsletter which is distributed countywide, included on the McHenry County NPDES or Water Resources website, or in one of the two main local newspapers the Daily Herald or Northwest Herald distributed in McHenry County. Partnership with another MS4 permit holder will be considered to accomplish this BMP.

Although McHenry County Planning and Development staff were not able to publish a specific article in the local newspaper or the local conservation group’s newsletter (EarthConnect) in year 22, numerous Public Notices for the County’s water resources events were published by the newspapers and environmental organizations. Arrangements have already been made with the Environmental Defenders of McHenry County (EDMC) to print a water quality related article in

their 2025 Summer EarthConnect newsletter for Year 23. Additionally, in Year 22, MS4 staff also printed SaltSmart bookmarks that illustrated winter management practices to maintain safety while reducing salt use that were handed out at EDMC's used bookstores in Woodstock, IL and Crystal Lake. IL.

BMP A.4 Community Event

The goal of this program is to increase awareness of impacts from stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 22: The County will hold one public event focused on water resources including stormwater and/or water quality. The number of attendees will be monitored to evaluate effectiveness of the BMP.

The County exceeded the measurable goal for this BMP with a number of events being held by the Department of Health and Planning and Development.

The Department of Health held numerous recycling and waste collection events during Year 22 of the MS4. These events included: 4 residential electronics collections events on May 11, June 22, September 21, and October 19, 2024. In addition to recycling electronic devices, each event also collected textiles, fluorescent tubes and bulbs, and clean Styrofoam for recycling in collaboration with the Environmental Defenders of McHenry County. These events resulted in 37,220 pounds (18.61 tons) of electronics being collected and recycled. The Department of Health held tire recycling drives in Nunda Township on October 8, and the Farm Bureau on October 26, 2024 resulting in the collection of over 81 tons of tires. The Department of Health also held document destruction events on July 27, and September 21, 2024 that resulted in the destruction and recycling of 32, 274 pounds (16.14 Tons) of paper.

The McHenry County Department of Planning and Development held their annual Water Forum on September 18, 2024 at the McHenry County College auditorium. The Water Forum is a large annual event focused on educating the public about water resources in the region. Every year the event focuses on a different water resource topic and expert speakers are brought in to educate a broad cross-section of stakeholders and residents on the topic. The 2024 Water Forum focused on the water quality of stormwater and the MS4 Permit Program. With funding from grants and sponsors, the event is fully catered to attract a diverse audience and create a festive atmosphere. Approximately 150 people attended the Water Forum, and a video of the event continues to help educate the public online.

www.youtube.com/@mchenrycountyillinois/playlists

BMP A.5 Classroom Education Materials

The goal of this program is to teach students about the impacts of stormwater discharges on water bodies and the steps that can be taken to reduce pollutants in stormwater runoff.

Year 22: The County will provide educational resources, including information about stormwater management, through the McHenry County Schools Environmental Education Program (MCSEEP). The County will also participate in stormwater related events such as the Groundwater Festival.

MCSEEP provides environmental education programs for schools throughout the county that includes curricula about stormwater and water quality issues. Educational programming is also provided to home-school groups. Specific teaching curricula are established for pre-kindergarten through eighth grade. In addition to its teaching curricula, MCSEEP also coordinates with the schools, the Department of Planning and Development, the Department of Health, and the Soil and Water Conservation District (SWCD) to host Groundwater Festivals

that include interactive programs on stormwater, water quality, best management practices, and green infrastructure. The groundwater festivals usually involve multiple schools and hundreds of students, parents and teachers. The MCSEEP programing was paused during the Covid period but has been ramping back up over the past few years and in Year 22 was able to hold an in-person Groundwater Festival again. During Year 22, MCSEEP provided environmental education programming that included education on stormwater issues in 29 schools, 358 classes, and for approximately 9,800 students. A Spring Groundwater Festival was also held during Year 22 that involved 8 schools and 137 sixth grade students. As schools continue to resume normal practices, MCSEEP will coordinate with schools to further re-integrate and expand environmental education programming and events.

BMP A.6 Other Public Education - Website Links

The goal of this program is to increase awareness of impacts from stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 22: All information and website links will be monitored for accuracy and usage. As new information is published, the website will be updated accordingly.

The County met its measurable goal of including stormwater information, brochures, articles, volunteer programs, all NPDES reports, other agency newsletters, and agency links on the joint MCDOT and Water Resources Division NPDES website. A link to construction projects and individual NOIs is included for easy reference: www.mchenrycountyil.gov/county-government/departments-j-z/planning-development/water-resources/npdes. The County also provided a link on the NPDES webpage to climate change websites including the USEPA climate change page, the NASA Climate Change page, and the Fifth National Climate Assessment page. All links are monitored for operation, content, and current information. Updates are made as new information becomes available by the Data/Communications Manager. See Section 3.A.6 of the SMPP for additional information. Monitoring of website visits is performed by a web counter. Approximately 87 unique visits to the NPDES website were counted during this reporting period. The NPDES website and other water resource information can be viewed on the Water Resources Division website at www.mchenryh2o.com.

2. Public Involvement/Participation

BMPs B.2 Educational Volunteer, B.5 Volunteer Monitoring, B.6 Program Involvement

The goal of this program is to provide public involvement opportunities and participation programs that allow input from citizens during the development and implementation of the MS4's permit activities.

Year 22: The Adopt-A-Highway program will continue with the oversight of MCDOT. New volunteer groups will be added when the requests are approved by the County.

The County met its measurable goal of providing volunteer opportunities to stakeholders in the county. Through the County's Adopt-A-Highway program, 152 active volunteer groups covered 155.1 of the 213.51 centerline adoptable miles, resulting in 72% of MCDOT adoptable miles being maintained. A total of 805 bags of refuse were collected by the active volunteer groups. An additional 766 bags collected by MCDOT maintenance staff. Refer to Section 3.B of the SMPP for further information.

In Year 22, the McHenry County Department of Planning and Development staff worked collaboratively with the Conservation Foundation's Salt Smart Collaborative to host a Chloride Watchers Training Workshop. This workshop was part of the Talk and Tour Workshops that are co-hosted by the Environmental Defenders of McHenry County, a local environmental organization. Chloride Watchers is a citizen science program run by the National Great Rivers Research and Education Center that helps volunteers monitor chloride levels in streams. Approximately 90 people attended the Chloride Watchers Workshop and approximately 21 volunteers participated in the citizen science chloride monitoring in McHenry County.

BMP B.3 Stakeholder Meeting

The goal of this program is to offer a venue for citizens to provide feedback on the MS4's permit and activities associated with it. Additionally, this BMP would also cover outside organization meetings that the MS4 attends.

Year 22: The County will continue to attend and participate in outside organization meetings and activities. The County will hold a presentation on the MS4 program at a regularly scheduled meeting to provide a public forum for comments.

The County actively participates in outside organization meetings and activities, including watershed groups and environmental groups. In Year 22, County MS4 staff provided presentations on the MS4 program at multiple public events including the Kishwaukee River Ecosystem Partnership, and the McHenry County Water Forum. McHenry County MS4 Staff also provided a detailed presentation about the NPDES and MS4 Permit Programs at an open public meeting of the McHenry County Stormwater Commission that consists of mayors and public works directors from McHenry County communities. After the MS4 presentation, County staff solicited feedback from the Commission and members of the public in attendance.

BMP B.7 Other Public Involvement

The goal of this program is to document any other public involvement activities that citizens may assist the MS4 in detecting illicit discharges and drainage issues.

Year 22: Through the McHenry County Department of Health and MCDOT procedures for responding to citizen complaints regarding illicit discharges and drainage concerns, all complaints are logged and addressed as appropriate. The MCDOT will continue to manage the Adopt-A-Highway program. The County will annually determine if any of the MS4's jurisdiction may classify as an environmental justice area.

Both the McHenry County Department of Health and MCDOT answer all citizen complaints as they are received. MCDOT continued to manage the Adopt-A-Highway program. The County has not identified any environmental justice areas within its jurisdiction, so no further documentation is required. Refer to Section 3.B.7 of the SMPP for further information.

3. Illicit Discharge Detection and Elimination

BMP C.1 Sewer Map Preparation

The goal of this program is to maintain a storm sewer and structure map of all drainage and outfalls to receiving streams in the County's rights-of-way for ease in tracking the source of any illicit discharge.

Year 22: The MCDOT will maintain and update, as needed, the master list in SMPP Appendix 5.6, which includes all outfalls and names of receiving waters within the MCDOT rights-of-way and County facility detention/retention ponds. The MCDOT GIS specialist will continue to populate the drainage database with the entire MCDOT drainage system into the CarteGraph Drainage Module and ArcGIS.

The MCDOT continues to meet its measurable goal by improving GIS capabilities and records, updating lists of drainage structures, and updating comprehensive maps to reflect any changes due to recent or current construction projects. MCDOT continued to use the inspection forms that were updated in Year 19 to standardize and improve data collection.

BMPs C.2 Regulatory Control Program, C.3 Detection/Elimination Prioritization Plan, C.4 Illicit Discharge Tracing Procedures, and C.5 Illicit Source Removal Procedures

See Qualifying Local Program – McHenry County Planning and Development, McHenry County Department of Health, McHenry County Emergency Management Agency, Illinois Environmental Protection Agency, and State Attorney's Office. Refer to Sections 3.C.2, 3.C.3, 3.C.4, and 3.C.5 of the SMPP for further information.

Year 22: The County conducts periodic inspections of the storm sewer outfalls listed in Appendix 5.6, which includes all County facility detention/retention ponds, outfalls and names of receiving waters within the MCDOT rights-of-way. The McHenry County Department of Health also responds to any complaints regarding illicit discharges and follows up with appropriate action to resolve any that are confirmed.

No illicit discharges into County rights-of-way were recorded by the MCDOT for this permit period. The McHenry County Department of Health recorded 52 illicit discharge complaints, with 35 of those complaints confirmed to be illicit discharges.

BMP C.7 Visual Dry Weather Screening

The goal of this program is to conduct periodic inspections of all storm sewer outfalls during dry weather conditions for detection of non-storm water discharges and illegal dumping.

Year 22: The MCDOT conducts periodic inspections of the storm sewer outfalls listed in Appendix 5.6, which includes all outfalls and names of receiving waters within the MCDOT rights-of-way and County facility detention/retention ponds. The MCDOT has identified high priority outfalls that are inspected annually with all remaining outfalls inspected on a rotating basis so all outfalls are inspected over a five-year period.

The County met this BMP during the Year 22 reporting period in accordance with the updated IEPA NPDES Permit. Of the 108 NPDES locations identified in Appendix 5.6 of the SMPP, a total of 42 (38.8%) were inspected during the Year 22 reporting period. MCDOT staff inspect all high priority NPDES locations annually and inspect remaining locations on a rotating basis so that all locations are inspected at least every 5 years. A list of the outfalls inspected during the Year 22 reporting period is included below. Refer to Section 3.C.7 of the SMPP for further information.

The following list includes all of the outfalls identified in the Master List of Ponds, Detention/Retention Facilities, Stream Channel Outfalls, and Storm Drainage Outfalls (Appendix 5.6 of SMPP). The shaded locations were inspected during the Year 22 reporting period. Inspection sites shown in **BOLD** are High Priority areas that are monitored annually. The remaining areas are monitored, on a rotating basis, so that all outfalls/ponds/basins are monitored at least once in a five-year cycle.

1. **Algonquin Road over Gravel Pit Creek Str # 056-3166**
2. **Algonquin Road over Crystal Creek Str # 056-3165**
3. Algonquin Road over Woods Creek (east of Randall Road) Str # 056-3164
4. Algonquin Road over Woods Creek (west of Randall Road) Str # 056-3172
5. Randall Road over Woods Creek Str # 056-3204
6. Randall Road over Tributary to Woods Creek Str # 056-3206
7. **Rakow Road over Crystal Creek Str # 056-3157**
8. Lakewood Road over South Branch Kishwaukee Creek
9. Main Street over South Branch Kishwaukee River Str # 056-3018
10. Marengo Road over South Branch Kishwaukee River
11. Harmony Road over Tributary to Coon Creek Str # 056-3170
12. Maple Street over Tributary to Riley Creek Str # 056-3027
13. Harmony Road over Coon Creek Str # 056-3138
14. Genoa Road over Tributary to Spring Creek
15. Coral Road over Tributary to Riley Creek
16. South Union Road over Tributary to West Branch Union Creek
17. Marengo Road over West Branch Union Creek East
18. Marengo Road over Tributary to West Branch Union Creek East Str # 056-3160
19. Marengo Road over Union Creek
20. South Union Road over the South Branch Kishwaukee River Str # 056-3178
21. Franklinville Road over Kishwaukee River Str # 056-3017
22. Franklinville Road over Franklinville Creek Str # 056-3016
23. Union Road over Kishwaukee River Str # 056-3026
24. Garden Valley Road over North Branch Kishwaukee River Str # 056-3028
25. Millstream Road over Kishwaukee River Str # 056-3022
26. Millstream Road over South Branch Kishwaukee River Str # 056-3023
27. Deerpass Road over Kishwaukee River Main Channel Str # 056-3030
28. Deerpass Road over Kishwaukee River Auxiliary Channel Str # 056-3029
29. Kishwaukee Valley Road over Mud Creek Str # 056-3203
30. Kishwaukee Valley Road over Rush Creek Str # 056-3150
31. Kishwaukee Valley Road over Tributary to Rush Creek Str # 056-3202
32. Kishwaukee Valley Road over North Branch Kishwaukee River Str # 056-3177
33. Dunham Road over North Branch Kishwaukee River Str # 056-3179
34. McGuire Road over Rush Creek

35. McGuire Road over Rush Creek Str # 056-3008
 36. Flat Iron Road over Mokeler Creek Str # 056-3019
 37. Hunter Road over Little Beaver Creek Str # 056-3034
 38. Lawrence Road over Tributary to Lawrence Creek Str # 056-3012
 39. Lawrence Road over Lawrence Creek Str # 056-3181
 40. Lawrence Road over Piscasaw Creek Str # 056-3010
 41. Lawrence Road over West Branch Piscasaw Creek Str # 056-3020
 42. Lawrence Road over West Branch Piscasaw Creek (No STR #)
 43. Alden Road over Tributary to Nippersink Creek
 44. Oak Grove Road over Tributary to Nippersink Creek (headwaters west of Reece Road)
 45. Oak Grove Road over Tributary to Nippersink Creek (east of Wright Road)
 46. Alden Road over Nippersink Creek Str # 056-3174
 47. Altenburg Road over North Branch Kishwaukee River
 48. Durkee Road over Tributary to North Branch Kishwaukee River
 49. Johnson Road over Nippersink Creek Str # 056-3128
 50. Alden Road over Tributary to North Branch Kishwaukee River
 51. McGuire Road over North Branch Kishwaukee River Str # 056-3161
 52. Alden Road over Headwaters of Slough Creek
 - 53. Nelson Road over Slough Creek Str # 056-3201**
 54. Charles Road over Slough Creek Str # 056-3006
 55. Charles Road over Silver Creek Str # 056-3211
 56. Greenwood Road over Nippersink Creek Str # 056-3155
 57. Tryon Grove Road over Reed Creek
 58. Keystone Road over Tributary to North Branch Nippersink Creek
 59. Tryon Grove over Tributary to Nippersink Creek
 60. Tryon Grove over Tributary to Nippersink Creek (just east of #63)
 61. Blivin Street over Nippersink Creek Str # 056-3191
 - 62. Wilmot Road over Nippersink Creek Str # 056-3001**
 63. Johnsbury Road over Dutch Creek Str # 056-3159
 64. Johnsbury Road over Tributary to Dutch Creek
 - 65. Chapel Hill Rd over Fox River Str # 056-3134**
 66. Bay Road over Lily Lake Drain Str # 056-3106
 67. Bull Valley Road over Tributary to Fox River
 - 68. Charles J. Miller Road over Fox River Str # 056-3149**
 - 69. Charles J. Miller Road over Fox River Str # 056-3190**
 70. River Road over Defiance Lake Stream Str # 056-3000
 71. River Road over Griswold Lake Stream
 72. Roberts Road over Tributary to Fox River
 73. Walkup Road over Sleepy Hollow Creek
 74. Rakow Road cross culvert east of Pyott Road
 75. Cross Culvert under Charles J. Miller Road from Detention/Retention Pond (on the north side) to the discharge to the Fox River on the south
 76. Main Street cross culvert east of Blivin Street
 77. Johnsbury Roundabout, Tributary to the Fox River
 78. Bay road over unnamed tributary to Lake Jerilyn
-
- A. Algonquin Road Pond at SE corner Hanson Road
 - B. Algonquin Road (3 ponds in series) east of Church Street
 - C. Algonquin Road pond west of Church Street
 - D. Rakow Road pond on NW corner McHenry Avenue**
 - E. Rakow Road pond on NE corner Pyott Road**

- F. Animal Control Facility pond
- G. Charles J. Miller Road pond west of Green Street**
- H. Charles J. Miller Road pond 500' east of Green Street
- I. Walkup Road Pond east side south of Anvil Drive
- J. Walkup Road Pond east side south of Raintree Drive
- K. Walkup Road Pond east side north of Mason Hill Road
- L. Walkup Road Pond east side, Outlot A of Patriot Estates**
- M. County Administration Building Pond south side of building
- N. County Administration Building 2 ponds on north side of building parking area
- O. County Court Facility pond fronting IL 47
- P. Health Department inline detention pond east along entire parking lot
- Q. Health Department pond southwest of entrance
- R. County Records Storage facility fronting Nelson Road
- S. Valley Hi Nursing Home pond
- T. McHenry County Division of Transportation west pond**
- U. McHenry County Division of Transportation south ponds**
- V. Route 31 Park&Ride lot bio-surface and 3 settling basins west side, south of Virginia Rd.
- W. Charles J. Miller Road detention basin northwest corner of its intersection with River Rd.
- X. Charles & Raffel Roundabout Dry Detention Basin, SWC at Raffel Rd.
- Y. Charles & Raffel Roundabout Wet Detention Basin, NWC at Raffel Rd.
- Z. River Road Roundabout Wet Detention Basin, NEC at Dowell Rd.
- AA. River Road Roundabout Wet Detention Basin, NE River Rd/NW Dowell Rd.
- BB. River Road Roundabout Wet Detention Basin, SEC at Dowell Rd.
- CC. River Road Roundabout Wet Detention Basin, SEC at Dowell Rd.
- DD. Charles J. Miller Road wet retention/detention basin northeast corner northerly portion of westerly realigned McHenry Avenue

4. Construction Site Storm Water Runoff Control

BMPs D.1 Regulatory Control Program, D.2 Erosion and Sediment Control BMPs, and D.4 Site Plan Review Procedures

See Qualifying Local Program – McHenry County Stormwater Management Ordinance, Illinois Environmental Protection Agency, United States Army Corps of Engineers, Illinois Urban Manual, and McHenry-Lake County Soil & Water Conservation District. It should be noted that the current McHenry County Stormwater Management Ordinance provisions, Standard Soil Erosion and Sediment Control Notes, and other required guidance documents, along with staff review and approval of Stormwater Management Permits, meet the updated IEPA NPDES requirements. Refer to Sections 3.D.1, 3.D.2 and 3.D.4 of the SMPP for further information.

BMPs D.6 Site Inspection/Enforcement Procedures and D.7 Other Construction Site Runoff Controls

See Qualifying Local Program – McHenry County Stormwater Management Ordinance, Illinois Department of Transportation Construction Memoranda. Refer to Sections 3.D.6 and 3.D.7 of the SMPP for further information.

5. Post-Construction Storm Water Management in New Development and Redevelopment

BMP E.2 Regulatory Control Program

See Qualifying Local Program – McHenry County Stormwater Management Ordinance and Technical Reference Manual, McHenry County Unified Development Ordinance, Illinois Environmental Protection Agency, United States Army Corps of Engineers, Illinois Urban Manual, and McHenry-Lake County Soil & Water Conservation District. Refer to Section 3.E.2 of the SMPP for further information.

BMP E.4 Pre-Construction Review of BMP Designs

See Qualifying Local Program – McHenry County Planning and Development and MCDOT. Refer to Section 3.E.4 of the SMPP for further information.

BMPs E.3 Long Term O&M Procedures, E.5 Site Inspections During Construction, and E.6 Post-Construction Inspections

See Qualifying Local Program – E.3 McHenry County Access Management Ordinance; E.5 McHenry County Stormwater Management Ordinance and Illinois Department of Transportation Construction Memorandum; E.6 McHenry County Stormwater Management Ordinance and IDOT Standard Specifications for Road & Bridge Construction. Refer to Sections 3.E.3, 3.E.5, & 3.E.6 of the SMPP for further information.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

BMP F.1 Employee Training Program

The goal of this BMP is to identify current practices that contribute to stormwater pollution and implement programs and procedures for County activities that curtail the discharge of pollutants to storm sewer systems.

Year 22: The County will continue in-house training and modify procedures as necessary to prevent the discharge of pollutants to the storm sewer systems from County facilities and rights-of-way.

See Section 3.F.1 of the SMPP for a more comprehensive explanation of County departments and associated training conducted. Please refer to Appendix 5.9 of the SMPP for a detailed list of training attended by the nine major County departments.

BMP F.2 Inspection and Maintenance Program

The goal of this BMP is to complete inspections of outfalls and detention/retention facilities once every Five years.

Year 22: The MCDOT Drainage Engineer will conduct inspections of NPDES outlets on a rotating basis during appropriate times of the year so that 100% of all outfalls are completed every five years.

Please refer to the list provided in Section BMP C.7 - Visual Dry Weather Screening of this report that identifies the ponds, detention/retention facilities, stream channel outfalls, and storm drainage outfalls that were inspected by MCDOT during the Year 22 reporting period. Of the 108 NPDES locations identified in Appendix 5.6 of the SMPP, a total of 42 (38.8%) were

inspected during the Year 22 reporting period. MCDOT staff inspect all high priority NPDES locations annually and inspect remaining locations on a rotating basis so that all locations are inspected at least every 5 years. Maintenance staff, throughout the County facilities, have been trained to report any illicit discharge contamination; no reports were made within the reporting period.

BMP F.3 Municipal Operations Storm Water Control

See Qualifying Local Program - McHenry County Division of Transportation Policies and Procedures, Street Sweeping Program, Drainageways, Landscape Maintenance, Snow Removal and Ice Control, Salt and Liquid Storage and Handling Policy in conjunction with Groundwater Protection Program, vehicle and equipment operations, pet waste, and animal nuisance control. Refer to Section 3.F.3 of the SMPP for further information.

Year 22: The County will continue to incorporate pollution prevention and good housekeeping practices into day-to-day activities and operations.

In Year 22, the MCDOT used their vacor unit to vacuum/clean 298 catch basins and 157 culverts. In addition, MCDOT's current MS4 involves street sweeping curb and gutter sections and bridge decks 3 to 4 times annually. It should be noted that the current County policies, procedures, and other countywide guidance documents meet the updated IEPA NPDES requirements. Using the current practices, our MS4 will improve the quality of storm water discharges from the County Highway system.

Part C. Information and Data Collection Results, Year 22

IDDE Monitoring and Data Collection, Year 22

Information and data that the MS4 collected as part of its illicit discharge detection and elimination (IDDE) program are summarized below.

The McHenry County Department of Health (MCDH) completes bi-weekly sampling of all licensed public beaches in McHenry County for E.coli from Memorial Day through Labor Day. Any other water quality sampling/monitoring data collected was done by the McHenry County Department of Health on an as-needed basis.

A total of 52 potential illicit discharges were investigated by the MCDH. The MCDH performed inspections for all 52 potential illicit discharges in accordance with the procedures outlined in the county's SMPP. The inspections confirmed 35 to be illicit discharges. No illicit discharges into the MCDOT rights-of-way were recorded for this permit period.

Part D. BMP Effectiveness Monitoring and Assessment Results, Year 22

BMP Monitoring and Data Collection for Year 22

Information and data that the MS4 collected as part of its BMP effectiveness monitoring and assessment program are summarized below.

For Year 22, the County continued to implement the changes required under the ILR40 Permit that was reissued on March 1, 2016. The changes include providing a comprehensive list of BMPs/green infrastructure being implemented by the County to reduce pollutant loadings and water quality impacts. The effectiveness of the BMPs/green infrastructure was evaluated and results are provided in a tabular format in Appendix 5.16 of the SMPP.

Part E. Summary of Year 23 Proposed Stormwater Activities

The table below indicates the stormwater management activities that the MS4 plans to undertake during Year 23. Additional information about the stormwater management activities that the MS4 will perform during Year 23 is provided in the section following the table.

The current version of the Permit was issued on February 10, 2016. A Notice of Intent for renewal of the General Permit was submitted to the IEPA on February 25, 2021, but McHenry County had not received documentation back from the IEPA at the time this report was completed. Therefore, the current MS4 complies with the March 1, 2016 Permit requirements for Year 15 and subsequent years including the current Year 22 and proposed Year 23 activities. The MS4 remains committed to performing activities related to the six MCMs described in the most recent version of the Permit.

Note: X indicates BMPs that will be implemented during Year 23
 ✓ indicates BMPs that are proposed be changed from Year 22

| Year 22 MS4 | Best Management Practice (BMP) |
|--|--|
| A. Public Education and Outreach on Storm Water Impacts | |
| X | A.1 Distributed Paper Material |
| X | A.2 Speaking Engagement |
| X | A.3 Public Service Announcement |
| X | A.4 Community Event |
| X | A.5 Classroom Education Material |
| X | A.6 Other Public Education |
| B. Public Involvement/Participation | |
| | B.1 Public Panel |
| X | B.2 Educational Volunteer |
| X | B.3 Stakeholder Meeting |
| | B.4 Public Hearing |
| X | B.5 Volunteer Monitoring |
| X | B.6 Program Involvement |
| X | B.7 Other Public Involvement |
| C. Illicit Discharge Detection and Elimination | |
| X | C.1 Sewer Map Preparation |
| X | C.2 Regulatory Control Program Review Ordinances |
| X | C.2 Regulatory Control Program Coordinate with MCEMA |
| X | C.3 Detection/Elimination Prioritization Plan |
| X | C.4 Illicit Discharge Tracing Procedures |
| X | C.5 Illicit Source Removal Procedures |
| | C.6 Program Evaluation and Assessment |
| X | C.7 Visual Dry Weather Screening |
| | C.8 Pollutant Field Testing |
| | C.9 Public Notification |
| | C.10 Other Illicit Discharge Controls |

| Year 22 MS4 | Best Management Practice (BMP) |
|---|--|
| D. Construction Site Storm Water Runoff Control | |
| X | D.1 Regulatory Control Program |
| X | D.2 Erosion and Sediment Control BMPs |
| | D.3 Other Waste Control Program |
| X | D.4 Site Plan Review Procedures |
| | D.5 Public Information Handling Procedures |
| X | D.6 Site Inspection/Enforcement Procedures |
| X | D.7 Other Construction Site Runoff Controls |
| E. Post-Construction Storm Water Management in New Development and Redevelopment | |
| | E.1 Community Control Strategy |
| X | E.2 Regulatory Control Program |
| X | E.3 Long Term O&M Procedures |
| X | E.4 Pre-Construction Review of BMP Designs |
| X | E.5 Site Inspections During Construction |
| X | E.6 Post-Construction Inspections |
| | E.7 Other Post-Construction Runoff Controls |
| F. Pollution Prevention/Good Housekeeping for Municipal Operations | |
| X | F.1 Employee Training Program |
| X | F.2 Inspection and Maintenance Program |
| X | F.3 Municipal Operations Storm Water Control |
| | F.4 Municipal Operations Waste Disposal |
| | F.5 Flood Management/Assess Guidelines |
| | F.6 Other Municipal Operations Controls |

Stormwater Management Activities, Year 23

During Year 23, the MS4 plans to continue to perform a variety of stormwater management activities, as described in detail in the MS4's SMPP and in brief below. The MS4's SMPP can be viewed at www.co.mchenry.il.us/county-government/departments-j-z/planning-development/divisions/water-resources/npdes. It is also attached for reference.

1. Public Education and Outreach on Storm Water Impacts

BMP A.1 Distributed Paper Material

The goal of this program will be to make available informational brochures to the public to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 23: The NPDES Coordinators will monitor and refresh supplies of informational materials and brochures available for the public at the MCDOT facility, Planning & Development office, posted on the County's NPDES website and at public meetings for road construction projects. The Department of Health will oversee the availability of their brochures within their department. Monitoring of amount of brochures distributed will continue for BMP effectiveness.

BMP A.2 Speaking Engagement

The goal of this program will be to provide verbal communications that help to increase awareness of impacts of stormwater discharges on water bodies for stakeholders in the community and the steps the public can take to reduce pollutants in stormwater runoff.

Year 23: The NPDES Coordinators will provide presentations, demonstrations or other public speaking engagements to raise awareness about water quality issues associated with stormwater discharges. The speaking engagements may be conducted by members of Planning and Development, the Health Department or the MCDOT. The number of speaking engagements about water resources will be monitored to evaluate BMP effectiveness.

BMP A.3 Public Service Announcement

The goal of this program is to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 23: The County will include one stormwater and/or water quality related article once a year in a conservation organization's newsletter which is distributed countywide, included on the McHenry County NPDES or Water Resources website, or in one of the two main local newspapers the Daily Herald or Northwest Herald distributed in McHenry County. Partnership with another MS4 permit holder will be considered to accomplish this BMP.

BMP A.4 Community Event

The goal of this program is to increase awareness of impacts from stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 23: As in past years, the County will hold at least one public event focused on water resources including stormwater and/or water quality. The number of attendees will be monitored to evaluate effectiveness of the BMP.

BMP A.6 Other Public Education - Website Links

The goal of this program is to increase awareness of impacts of stormwater discharges on water bodies and the steps the public can take to reduce pollutants in stormwater runoff.

Year 23: All information and website links will be monitored for accuracy and usage. As new information is published, the website will be updated accordingly.

2. Public Involvement/Participation

BMPs B.2 Educational Volunteer, B.5 Volunteer Monitoring, B.6 Program Involvement

The goal of this program is to provide public involvement opportunities and participation programs that allow input from citizens during the development and implementation of the MS4's permit activities. Refer to Section 3.B of the SMPP for further information.

Year 23: The Adopt-A-Highway program will continue with the oversight of MCDOT. New volunteer groups will be added when the requests are approved by the County.

BMPs B.3 Stakeholder Meeting

The goal of this program is to offer a venue for citizens to provide feedback on the MS4's permit and activities associated with it. Additionally, this BMP would also cover outside organization meetings that the MS4 attends. Refer to Section 3.B of the SMPP for further information.

Year 23: The County will provide a public forum on the County's MS4 program in conjunction with a regularly scheduled meeting. The County will also continue to attend outside organization meetings, as appropriate.

BMP B.7 Other Public Involvement

The goal of this program is to document any other public involvement activities that citizens may assist the MS4 in detecting illicit discharges and drainage issues. Refer to Section 3.B.7 of the SMPP for further information.

Year 23: The County will continue to provide active citizen participation in detection of illicit discharges to the storm sewer system and problems with drainage infrastructure. Both MCDOT and the Department of Health will continue to be the primary contacts for this minimum control measure. The County will verify if any areas of the MS4 jurisdiction qualify as an environmental justice area.

3. Illicit Discharge Detection and Elimination

BMP C.1 Sewer Map Preparation

The goal of this program is to maintain a storm sewer and structure map of all drainage and outfalls to receiving streams in the County's rights-of-way for ease in tracking the source of any illicit discharge.

Year 23: The MCDOT will maintain and update, as needed, the master list in SMPP Appendix 5.6, which includes all outfalls and names of receiving waters within the MCDOT rights-of-way and County facility detention/retention ponds. The MCDOT GIS specialist will continue to populate the drainage database with the entire MCDOT drainage system into the CarteGraph Drainage Module and ArcGIS.

BMPs C.2 Regulatory Control Program, C.3 Detection/Elimination Prioritization Plan, C.4 Illicit Discharge Tracing Procedures, and C.5 Illicit Source Removal Procedures
See Qualifying Local Program – McHenry County Planning and Development, McHenry County Department of Health, McHenry County Emergency Management Agency, Illinois Environmental Protection Agency, and State Attorney's Office. Refer to Sections 3.C.2, 3.C.3, 3.C.4, and 3.C.5 of the SMPP for further information.

BMP C.7 Visual Dry Weather Screening

The goal of this program is to conduct periodic inspections of all storm sewer outfalls during dry weather conditions for detection of non-storm water discharges and illegal dumping.

Year 23: The MCDOT will conduct periodic inspections of the storm sewer outfalls listed in Appendix 5.6, which includes all outfalls and names of receiving waters within the MCDOT rights-of-way and County facility detention/retention ponds. During appropriate times of the year, the MCDOT will visit all high priority outfalls for annual inspections and the remaining outfalls will be inspected on a rolling basis over five-year intervals.

4. Construction Site Storm Water Runoff Control

BMPs D.1 Regulatory Control Program, D.2 Erosion and Sediment Control BMPs, and D.4 Site Plan Review Procedures

See Qualifying Local Program – McHenry County Stormwater Management Ordinance, Illinois Environmental Protection Agency, United States Army Corps of Engineers, Illinois Urban Manual, and McHenry-Lake County Soil & Water Conservation District. Refer to Sections 3.D.1, 3.D.2 and 3.D.4 of the SMPP for further information.

Year 23: The McHenry County Department of Planning and Development, Water Resources Division will ensure that all regulated development within their jurisdictional boundaries acquires the necessary Stormwater Management Permits for construction. Through the permitting process, construction site storm water runoff controls will be reviewed and monitored for compliance with the NPDES permit requirements.

BMPs D.6 Site Inspection/Enforcement Procedures and D.7 Other Construction Site Runoff Controls

See Qualifying Local Program – McHenry County Stormwater Management Ordinance, Illinois Department of Transportation Construction Memoranda. Refer to Sections 3.D.6 and 3.D.7 of the SMPP for further information.

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5. Post-Construction Storm Water Management in New Development and Redevelopment

BMP E.2 Regulatory Control Program

See Qualifying Local Program – McHenry County Stormwater Management Ordinance and Technical Reference Manual, McHenry County Unified Development Ordinance, Illinois Environmental Protection Agency, United States Army Corps of Engineers, Illinois Urban Manual, and McHenry-Lake County Soil & Water Conservation District. Refer to Section 3.E.2 of the SMPP for further information.

BMP E.4 Pre-Construction Review of BMP Designs

See Qualifying Local Program – McHenry County Planning and Development and MCDOT. Refer to Section 3.E.4 of the SMPP for further information.

BMPs E.3 Long Term O&M Procedures, E.5 Site Inspection During Construction, and E.6 Post-Construction Inspections

See Qualifying Local Program – E.3 McHenry County Access Management Ordinance; E.5 McHenry County Stormwater Management Ordinance and Illinois Department of Transportation Construction Memorandum; E.6 McHenry County Stormwater Management Ordinance and IDOT Standard Specifications for Road & Bridge Construction. Refer to Sections 3.E.3, 3.E.5, & 3.E.6 of the SMPP for further information.

6. Pollution Prevention/Good Housekeeping for Municipal Operations

BMP F.1 Employee Training Program

The goal of this BMP is to identify current practices that contribute to stormwater pollution and implement programs and procedures for MCDOT activities that curtail the discharge of pollutants to storm sewer systems.

Year 23: The County will continue in-house training and modify procedures as necessary to prevent the discharge of pollutants to the storm sewer systems from County facilities and rights-of-way.

BMP F.2 Inspection and Maintenance Program

The goal of this BMP is to complete inspections of outfalls and detention/retention facilities once every five years.

Year 23: During the summer months the MCDOT will conduct periodic inspections of the storm sewer outfalls listed in Appendix 5.6, which includes all outfalls and names of receiving waters within the MCDOT rights-of-way and County facility detention/retention ponds.

The MCDOT will visit all high priority outfalls for annual inspections and the remaining outfalls will be inspected on a rolling basis during appropriate times of the year over five-year intervals.

BMP F.3 Municipal Operations Storm Water Control

See Qualifying Local Program - McHenry County Division of Transportation Policies and Procedures, Street Sweeping Program, Drainageways, Landscape Maintenance, Snow Removal and Ice Control, Salt and Liquid Storage and Handling Policy in conjunction with Groundwater Protection Program, vehicle and equipment operations, pet waste, and animal nuisance control. Refer to Section 3.F.3 of the SMPP for further information.

Year 23: The County will continue to incorporate pollution prevention and good housekeeping practices into day-to-day activities and operations.

Part F. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

Not applicable during Year 22.

Part G. Construction Projects Conducted During Year 22, Proposed for Year 23

Construction projects in Permit Year 22 (March 2024 – February 2025) funded by the McHenry County Division of Transportation (MCDOT) and covered by General Permit No. ILR400264 are listed below:

| Project Name | Project Size (Acres) | Construction Start Date | Construction End Date |
|--|----------------------|-------------------------|-----------------------|
| Bay Road (County Paving) Grind/Mill/Pave | 10.5 acres | 05/2023 | 09/2024 |
| Spring Grove Road (County Paving) Grind/Mill/Pave/Curb | 19.0 acres | 05/2023 | 09/2024 |
| Hartland Road (County Paving) Grind/Mill/HiPR/Pave | 7.0 acres | 05/2023 | 09/2024 |
| Millstream Road Bridge 1 – Full bridge replacement/Full Pavement Reconstruction/Paving/Mass Grading | 3.70 acres | 03/2024 | 07/2025 |
| Millstream Road Bridge 2 – Full bridge replacement/Full Pavement Reconstruction/Paving/Mass Grading | 3.70 acres | 03/2024 | 07/2025 |
| Kishwaukee Valley Road (2024 Culvert Repair) Culvert lining/Guardrail Replacement/Ditching/Shoulder Paving | < 1.0 acres | 05/2024 | 10/2024 |
| Harmony Road (2024 Culvert Repair) Culvert lining/Guardrail Replacement/Ditching/Shoulder Paving | < 1.0 acres | 05/2024 | 10/2024 |
| Vanderkarr Road - Superstructure Replacement & Pavement Resurfacing | < 1.0 acres | 10/2024 | 6/2025 |
| Walkup Road – Flashing Yellow Arrow – Traffic Signal Replacement/Sidewalk/Grading | < 1.0 acres | 07/2023 | 08/2024 |

There have been no incidents of non-compliance associated with any of these projects during this reporting year.

Pending future construction projects to be conducted during Permit Year 23 (March 2025 - February 2026) are listed below:

| Project Name | Project Size (acres) | Construction Start Date | Construction End Date |
|---|----------------------|-------------------------|-----------------------|
| Kishwaukee Valley Road (County Paving) Grind/Mill/Pave/HiPR | 25.5 acres | 05/2025 | 09/2025 |
| Garden Valley Road (County Paving) Grind/Mill/Pave | 4.0 acres | 05/2025 | 09/2025 |
| Millstream Road (County Paving) Grind/Mill/Pave | 6.5 acres | 05/2025 | 09/2025 |

| Project Name | Project Size (acres) | Construction Start Date | Construction End Date |
|--|-----------------------------|--------------------------------|------------------------------|
| North Union Road (County Paving) Grind/Mill/Pave | 6.5 acres | 05/2025 | 09/2025 |
| Bay Road (County Paving) – Rumble Strips | 10.5 acres | 05/2025 | 09/2025 |
| Spring Grove Road (County Paving) Sewer/Utility/Rumble Strips | 19.0 acres | 05/2025 | 09/2025 |
| Hartland Road (County Paving) – Rumble Strips | 7.0 acres | 05/2025 | 09/2025 |
| Marengo Road – Thin Lift Overlay | 16.0 acres | 06/2025 | 07/2025 |
| Virginia Road – Flashing Yellow Arrow – Traffic Signal Replacement/Sidewalk/Grading | < 1.0 acres | 01/2025 | 11/2025 |
| Millstream Road Bridge 1 – Full bridge replacement/Full Pavement Reconstruction/Paving/Mass Grading | 3.70 acres | 03/2024 | 07/2025 |
| Millstream Road Bridge 2 – Full bridge replacement/Full Pavement Reconstruction/Paving/Mass Grading | 3.70 acres | 03/2024 | 07/2025 |
| Vanderkarr Road - Superstructure Replacement & Pavement Resurfacing | < 1.0 acres | 10/2024 | 06/2025 |
| Flat Iron Road - Full bridge replacement/Full Pavement Reconstruction/Paving/Mass Grading | 1.47 acres | 03/2025 | 08/2025 |
| Hunter Road - Full bridge replacement/Full Pavement Reconstruction/Paving/Mass Grading | 2.21 acres | 05/2025 | 11/2025 |
| White Oaks Road - Full bridge replacement/Full Pavement Reconstruction/Paving/Mass Grading | 1.11 acres | 04/2025 | 10/2025 |
| Randall Road – Full Roadway Reconstruction/Utility Relocates/Sewer Installation/Traffic Signals/Mass Grading/Creek Relocation/Multi-Use Path/Concrete Paving | | 03/2025 | 10/2027 |