



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORMWATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)

MARCH 2017 TO MARCH 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF LISLE, ILLINOIS

A. CHANGES TO BEST MANAGEMENT PRACTICES

There are no changes to the Best Management Practices (BMPs) from the Village's Notice of Intent (NOI) for the reporting period of March 2017 to March 2018.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The Village of Lisle committed to a number of stormwater BMPs in order to meet the requirements of the NPDES Phase II stormwater program. A Stormwater Management Plan has been developed and posted on the Village's website, along with the MS4 Permit Notice of Intent (NOI) and annual reports.

The following is a status report on each of the BMPs and the activities that were performed during the March 2017 to March 2018 reporting period. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. A.1 Distributed Paper Material

Brief Description of BMP: Paper materials assist in providing information regarding programs, procedures, and research. DuPage County has partnered with The Conservation Foundation and S.C.A.R.C.E. (School and Community Assistance for Recycling and Composting Education) to develop and distribute various water quality related brochures and fact sheets.

Milestones: Year 15 Assist DuPage County in developing water quality information to fit the needs of the Stormwater Management Program by regularly participating in the Municipal Engineers Group.

BMP Status: The Village of Lisle regularly participates in the Municipal Engineers Group and makes various brochures and fact sheets from various sources available to the public in take-away racks at Village Hall and the

Public Works Facility.

The Village's website contains informational materials for residents, including information titled: "What can I do to Keep Stormwater Clean", and "Why is Pet Waste a Problem?" The Village's website also contains links to the public information provided by DuPage County and the DuPage River Salt Creek Workgroup.

The Village's provides newsletter information on stormwater impacts, proper waste disposal, and recycling programs.

BMP No. A.2 Speaking Engagement

Brief Description of BMP: Speaking engagements provide another outlet to inform the public about stormwater issues, procedures, and information.

Milestones: Year 15: Encourage staff participation in speaking engagement opportunities.

BMP Status: The Village hosted a Flood Awareness meeting on April 18, 2017 that included a presentation by The Conservation Foundation on Sustainable landscaping and rainwater storage.

Village staff did not make any presentations about stormwater issues during Year 15.

DuPage County held multiple presentations regarding water quality, including the Green Watershed Workshop held on October 17, 2017 and the East Branch Watershed Workshop, held on February 22, 2018.. The Village advertised these events via the Village website and Facebook posts.

BMP No. A.3 Public Service Announcement

Brief Description of BMP: Public service announcements are used to reach large groups of people and inform them of issues regarding stormwater management and water quality.

Milestones: Year 15: Coordinate with DuPage County to update and air public service announcements on the Lisle Cable TV Channel.

BMP Status: The Village uses its website, Facebook, Twitter, YouTube, and Cable to keep residents informed on a variety of stormwater management and water quality topics. Articles on stormwater and floodplain issues run periodically in the Village newsletter.

Facebook Postings:

6/21/17 - GREEN! Don't do it - dumping a quart of motor oil down a storm sewer that drains straight to our local rivers & streams can create an 8-acre oil slick & pollute 2,000,000 gallons of drinking water. Oil's toxins can kill plants & wildlife or become

concentrated in animals that are then consumed by humans. Recycle used oil responsibly & help keep our waterways clean. Visit the Household Hazardous Waste Facility website to review items they accept at <http://www.naperville.il.us/.../household-hazardous-waste-fa.../>

7/25/17 -GREEN! Want Paint? DuPage Co's Latex Paint Recycling Program is offering FREE! recycled latex paint in 5-gallon containers to the public. The paint has been filtered & re-blended into a variety of colors, types & finishes. Paint may be picked up at the Woodridge Greene Valley Wastewater Treatment Facility, 7900 S. Rte 53 in Woodridge, thru July 29, Mon - Sat, from 8 AM - 2 PM. For more info, visit <http://www.dupageco.org/recycling/>

9/25/17 GREEN! If leaves are organic, why do we rake them up? Leaves that are raked or fall into storm sewers, rivers & streams create harmful algae that is bad for water quality & wildlife. They also clog storm drains which may cause flooding. To keep our waterways clean, our wildlife healthy & help prevent flooding, rake up or compost leaves. Take advantage of the Village's FREE! Leaf Collection Program, which begins Oct 16 & runs thru week of Nov 13 (more info coming). To learn more, visit <https://www.youtube.com/watch?v=tAZhFXImqfY>

9/25/17 GREEN! Get Involved! The Conservation Foundation & DuPage Co Stormwater Mgmt will host watershed workshops to connect green-minded people & organizations that preserve local streams & rivers. Breakfast workshops will be held Oct 17 (East Branch DuPage River), Oct 24 (West Branch DuPage River) & Nov 14 (Salt Creek) from 8 to 9:30 AM. Speakers will discuss streambank stabilization projects & funding options.

Village Newsletters:

The Village is now issuing a newsletter 4 to 5 times per year.

- Summer 2017, article titled, Keep your Lawn Green and Our Waterways Healthy, asked residents to water less, mulch grass clippings, fertilize less, mow lawn higher and pick up dog waste.
- Winter 2017/2018, article Go on a "Low salt Diet" discussed ways to reduce use of salt to melt ice
- Spring 2018, article Tips on helping to Keep our River Clean encouraged residents to report any dumping or debris in the river, pick up pet waste, stop fertilizer 10 feet from pond or waterway and reduce fertilizer use.
- Spring 2018, article advertised Annual DuPage River Sweep to clean trash from East Branch of the DuPage River and Rott Creek.

BMP No. A.4 Community Event

Brief Description of BMP: Community events provide information to the general public about a variety of stormwater management and water quality issues in a relaxed setting. These events can reach a broad group of people comprised of residents, non-residents, and business leaders.

Milestones: Year 15: Continued Public Works Open House in conjunction with Police department Open House

BMP Status:

- May 18, 2017 – Public Works Open House, discussed stormwater issues with residents. Promoted use of rain gardens and rain barrels.
- May 20, 2017 and Lisle rain date June 3, 2017 participated in DuPage River Sweep, clean up along East Branch DuPage River and Rott Creek, approximately 50 participants
- June 11, 2017 - Stormwater Administrator, Marilyn Sucoe, participated in Garden Gate, sponsored by the Lisle Women's Club, discussing the use of rain gardens and rain barrels to reduce runoff and pollution.
- August 5, 2017 – Lisle French Market discussed the use of rain gardens and rain barrels to reduce runoff and pollution.

BMP No. A.5 Classroom Education Material

Brief Description of BMP: The County of DuPage approved a countywide water quality education program in 2002.

Milestones: Year 15: The County of DuPage will establish the necessary resources to support the development and distribution of educational materials throughout the County of DuPage.

BMP Status: Educational materials are distributed through SCARCE.

BMP No. A.6 Other Public Education

Brief Description of BMP: Other public education initiatives allow further opportunities to promote stormwater management and water quality issues.

Milestones: Year 15: Participate in further opportunities to promote stormwater management and water quality issues and to continue to review and update public education information.

BMP Status: Village staff planned and promoted attendance at 2016 Parking Lot Deicing Workshop, emails sent to property managers at Village of Lisle, Universal Technical Institute, Benedictine University, Benet Academy, Lisle Park District and Lisle School District 202.

The Village's inlet stenciling program continues upon repair, replacement, or new catch basin inlets.

BMP No. B.3 Stakeholder Meeting

Brief Description of BMP: Stakeholder meetings provide the opportunity for individuals and groups of people with a vested interest in stormwater management and water quality to exchange ideas and goals.

Milestones: Year 15: Actively participate in the monthly Municipal Engineers Group meetings at DuPage County and the DuPage River Salt Creek Workgroup.

BMP Status: Village staff actively participated in the Municipal Engineers Group's monthly meetings. The Village also actively participated in the DuPage River Salt Creek Workgroup's meetings and initiatives regarding the establishment of TMDL requirements.

An Environmental Justice Area (EJA) assessment has been performed. The Village has determined that EJA areas do not exist and based on demographics, providing program information materials in another language is not necessary at this time.

BMP No. B.4 Public Hearing

Brief Description of BMP: Public hearings allow community members, both public and private, to gain insight into different stormwater programs and initiatives. Public information meetings allow for an open forum giving citizens first-hand knowledge of various programs, policies, and projects while giving citizens the opportunity to discuss their viewpoint and provide input concerning appropriate stormwater management, water quality policies, and best management practices.

Milestones: Year 15: Review all amendments proposed by DuPage County to the Stormwater and Flood Plain Ordinance, hold public hearings as necessary for any ordinance or watershed plan changes, as well as variance requests.

BMP Status: No public hearings were necessary during the permit year for any ordinance amendments or variances. See DuPage County report for countywide activities.

BMP No. B5 Volunteer Monitoring

Brief Description of BMP: Volunteer monitoring provides an opportunity for an interested person to become involved in the collection of water quality data. The collected data can be used to identify impairments to a water body and help develop proposed water quality improvement projects.

Milestones: Year 15: Continue support for volunteer monitoring opportunities.

BMP Status: As a member of the DuPage River Salt Creek Workgroup, Village staff participates in regional monitoring projects.

BMP No. C.1 Storm Sewer Map Preparation

Brief Description of BMP: A storm sewer system map, showing the location of all outfalls and the names and location of all waters that receive discharges from those

outfalls, is a critical tool in the detection and elimination of illicit discharges.

Milestones: Year 15: Incorporate new outfall and storm sewer information into the GIS database. Field inspectors will continue to verify the locations and attribute information of the outfalls within the GIS database and provide information to the County.

BMP Status: The Village storm sewer system map is complete, showing all Village-owned infrastructure. The Village is adding easement information to the map. This map will be updated from time-to-time with data from private and public improvement projects.

BMP No. C.2 Regulatory Control Program

Brief Description of BMP: The Village and DuPage County established an Intergovernmental Agreement to regulate illicit discharges. DuPage County will monitor outfalls and trace suspicious discharges to their source, while the Village will pursue enforcement action when illicit discharges are found.

Milestones: Year 15: Notify DuPage County of any suspicious discharges and work with local property owners to remove or abate illicit discharges.

BMP Status: No illicit discharges were discovered in the Village during Year 15.

BMP No. D.1/D.2/D.4/D.5/D.6 Construction Site Stormwater Runoff Control

Brief Description of BMP: The Village has adopted the Countywide Stormwater and Flood Plain Ordinance and is a complete waiver community for enforcement of the Ordinance within Village limits. The Ordinance requires erosion and sediment control BMPs along with the control of construction material debris. The Village reviews BMP designs prior to construction and inspect sites during construction.

Milestones: Year 15: Continue to enforce the Ordinance, participate in the Municipal Engineers Group, field public concerns regarding development sites, and provide staff with appropriate training on permitting and site inspections.

BMP Status: The Village performs detailed reviews of the engineering plans for all proposed developments. Thirty-seven stormwater permits were issued in Year 15 and permit files were maintained for each project.

One acre or larger sites are inspected weekly. In March 2017, the Village began working on a goal of monthly inspections for sites less than one acre. Builders are then contacted for corrective action, primarily repair of perimeter fencing and maintaining construction entrances. These are logged in Village files.

Village staff regularly attends the monthly Municipal Engineers Group

meetings, which occasionally include presentations on new erosion and sediment control technology. Staff proactively inspects construction sites through the development process and addresses violations of the Stormwater and Flood Plain Ordinance at sites as necessary.

BMP No. E.2/E.3/E.4/E.5/E.6 Post-Construction Stormwater Management

Brief Description of BMP: The Village has adopted the Countywide Stormwater and Flood Plain Ordinance and is a complete waiver community for enforcement of the Ordinance within Village limits. The Village requires long term O&M plans accordance with the Ordinance. Staff also reviews BMP designs prior to construction and inspect sites during and after construction.

Milestones: Year 15: Continue to enforce the Ordinance, participate in the Municipal Engineers Group, provide staff with appropriate training on permitting and BMPs for reducing post-construction runoff, and field public concerns regarding development sites.

BMP Status: The Village reviews submitted plans and regularly assists permit applicants in interpreting the Stormwater and Flood Plain Ordinance throughout the permitting process, particularly in the application of VCBMPs and PCBMPs. Applicants are required to submit record drawings once a permitted project has been constructed and prior to staff conducting a final inspection. Site plans with the location of BMPs are being recorded with the DuPage County Recorder of Deeds office.

The St. Joseph Detention Basin is identified for retrofitting in the local watershed plan.

BMP No. F.1 Employee Training Program

Brief Description of BMP: The permit requires employee training to prevent and reduce stormwater pollution from activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction, land disturbances, and stormwater system maintenance.

Milestones: Year 15: Continue organizing training sessions and making sessions available to staff.

BMP Status:

- Public Works staff attended a seminar hosted by the DuPage River Salt Creek Workgroup titled "Public Works Road Deicing Workshop".
- Staff attended a November 29, 2017 Green Infrastructure Seminar.
- Staff attended Illinois MS4 Implementation seminar on March 1, 2017.
- Public Works staff attended an in-house pollution prevention training offered by an outside consultant, Dan Bounds, on January 9, 2017.
- Staff attend DuPage River Salt Creek Workgroup meetings on a regular basis. The agenda regularly has a stormwater quality education topic.

BMP No. F.2 Inspection and Maintenance Program

Brief Description of BMP: The Village implements an operation and maintenance program designed to prevent or reduce the discharge of pollutants from the storm sewer system.

Milestones: Year 15: Advance the inspection and maintenance program to improve drainage ditches, clean storm sewers and structures, and clear creeks of debris.

BMP Status:

- Cleaned 298 storm sewer structures (catch basins, inlets, or manholes)
- Flushed 11,121 linear feet of storm sewers
- Repaired 19 storm sewer structures (catch basins, inlets, or manholes)
- Swept all village streets 8 times throughout the year
- Repaired 332 linear feet of storm sewer
- Conducted Storm water facility inspections during July 2017, October 2017, and March 2018. Each inspection involved visiting 237 sites within the village to maintain storm inlets, outfalls, and detention basin control structures.

BMP No. F.3 Municipal Operations Stormwater Control

Brief Description of BMP: Municipal operations at the Public Works Facility and other Village facilities are designed to prevent or reduce the discharge of pollutants to the maximum extent practicable.

Milestones: Year 15: Continue implementation of appropriate practices to prevent the discharge of pollutants resulting from municipal operations.

BMP Status: All maintenance and washing for the Public Works Department fleet is done in the Public Works garage, where floor drains are tributary to triple traps prior to discharging to the sanitary sewer system. Road salt and other materials are stored in covered shelters, or are covered if in open areas, to minimize exposure to rainfall. Lubricant and oil spills resulting from equipment maintenance are typically cleaned up using oil absorbing compounds, rather than hosing down spill areas. The Village recycles vehicle fluids with Maxsafe Antifreeze and Lisle Township.

Grass clippings are removed from streets when turf is mowed by Public Works employees and fertilizers and pesticides are not used within 50 feet of a waterway.

BMP No. F.5 Flood Management/Assess Guidelines

Brief Description of BMP: The 1989 Stormwater Management Plan, including Appendix F (Ordinance), restricts future development in the flood plain to facilities that will not adversely affect flood damage potential or wetland environments. Within the

floodway, development will be prohibited unless it involves facilities that enhance flood protection; requires preservation of wetlands to maintain their natural flood control and environmental benefits; incorporates water quality and habitat protection measures in all stormwater management activities within DuPage County; and requires regular, planned maintenance of stormwater management facilities.

Milestones: Year 15: Continue on-going efforts to ease flooding and flood damages to the maximum extent practicable. Review and revise, as needed, Appendix F and other related appendices. Continue to cooperate with the County of DuPage audit system for non-waiver and partial-waiver communities for compliance with Appendix F. Track the progress of watershed plans, hydrologic and hydraulic models, and FIRM maps updates as it pertains to the Village of Lisle. Continue to participate in the National Flood Insurance Program’s Community Rating System.

BMP Status: Village staff participated in the watershed planning efforts in the East Branch of the DuPage River watershed as outlined under Public participation.

The Village also participated in meetings with DuPage County staff regarding new flood insurance studies and mapping.

The Village continues to enforce floodplain regulations.

C. INFORMATION AND DATA COLLECTION RESULTS

No monitoring data was collected by the Village of Lisle during the reporting year. The Village participates in a regional monitoring program with DuPage County and partners with the DuPage River Salt Creek Workgroup to monitor water quality. Monitoring data from this reporting period is presented in DuPage County’s Annual Facility Inspection Report.

D. SUMMARY OF NEXT REPORTING PERIOD STORMWATER ACTIVITIES

The Village plans to undertake the following activities during the March 2018 to March 2019 reporting period:

BMP No. A.1 Distributed Paper Material

Milestones: Year 15: Assist DuPage County in developing water quality information to fit the needs of the Stormwater Management Program by regularly participating in the Municipal Engineers Group.

BMP No. A.2 Speaking Engagement

Milestones: Year 15: Encourage staff participation in speaking engagement opportunities.

BMP No. A.3 Public Service Announcement

Milestones: Year 15: Coordinate with DuPage County to update and air public service announcements on the Lisle Cable TV Channel, Facebook, Twitter, etc.

BMP No. A.4 Community Event

Milestones: Year 15: Continue community events that pertain to stormwater management, including providing information to residents.

BMP No. A.5 Classroom Education Material

Milestones: Year 15: Continue the development of education materials and sponsorship of environmental clubs. Review and update classroom education materials as necessary.

BMP No. A.6 Other Public Education

Milestones: Year 15: Participate in further opportunities to promote stormwater management and water quality issues and continue to review and update public education information.

BMP No. B.3 Stakeholder Meeting

Milestones: Year 15: Actively participate in the monthly Municipal Engineers Group meetings at DuPage County and the DuPage River Salt Creek Workgroup.

BMP No. B.4 Public Hearing

Milestones: Year 15: Review all amendments proposed by DuPage County to the Stormwater and Flood Plain Ordinance, hold public hearings as necessary for any ordinance or watershed plan changes, as well as variance requests.

BMP No. B5 Volunteer Monitoring

Milestones: Year 15: Continue support for volunteer monitoring programs through DuPage County S.C.A.R.C.E. program, along with The Conservation Foundation and the DuPage River Salt Creek Workgroup.

BMP No. C.1 Storm Sewer Map Preparation

Milestones: Year 15: Incorporate new outfall and storm sewer information into the GIS database. Field inspectors will continue to verify the locations and attribute information of the outfalls within the GIS database and provide information to the County.

BMP No. C.2 Regulatory Control Program

Milestones: Year 15: Notify DuPage County of any suspicious discharges and work with local property owners to remove or abate illicit discharges.

BMP No. D.1/D.2/D.4/D.5/D.6 Construction Site Stormwater Runoff Control

Milestones: Year 15: Continue to enforce the Ordinance, participate in the Municipal Engineers Group, provide staff with appropriate training on permitting and site inspections, and field public concerns regarding development sites.

BMP No. E.2/E.3/E.4/E.5/E.6 Post-Construction Stormwater Management

Milestones: Year 15: Continue to enforce the Ordinance, participate in the Municipal Engineers Group, provide staff with appropriate training on permitting and BMPs for reducing post-construction runoff, and field public concerns regarding development sites.

BMP No. F.1 Employee Training Program

Milestones: Year 15: Continue organizing training sessions and making sessions available to staff.

BMP No. F.2 Inspection and Maintenance Program

Milestones: Year 15: Advance the inspection and maintenance program to improve drainage ditches, clean storm sewers and structures, and clear creeks of debris.

BMP No. F.3 Municipal Operations Stormwater Control

Milestones: Year 15: Continue implementation of appropriate practices to prevent the discharge of pollutants resulting from municipal operations.

BMP No. F.5 Flood Management/Assess Guidelines

Milestones: Year 15: Continue to participate in the National Flood Insurance Program's Community Rating System and implement floodplain regulations.

E. NOTICE OF RELIANCE ON ANOTHER GOVERNMENT ENTITY

The Village of Lisle relies on DuPage County for illicit discharge monitoring, tracing, and source removal. During dry weather conditions, County staff surveys outfalls and

monitors those that are actively discharging. Analysis is performed on the discharged water for a variety of parameters. The monitoring plan anticipates that all of the outfalls discharging into DuPage County's waterways, including those in the Village of Lisle, will be monitored during the five-year permit cycle.

The Village of Lisle also relies on DuPage County for water quality monitoring of receiving waters to gauge the effects of stormwater discharges on the physical/habitat-related aspects of the receiving waters.

In addition to the Village's extensive Public Education and Outreach, DuPage County conducts regular classroom education on topics including stormwater management, the environment, and water quality.

F. CONSTRUCTION PROJECT CONDUCTED DURING REPORTING PERIOD

<u>Project Name/Location</u>	<u>Project Description</u>	<u>Start/End Dates</u>
Marquette Project/Burlington Avenue	1.7 acre multiuse private development	January 2016/ estimated 2018
Ashton Place/Warrenville Rd. and Leask Lane	7.34 acre multi-family and park site development	April 2017/estimated August 2018
Park District Stage/Community Park	1.2 acre redevelopment of outdoor stage.	June 2017/completed October 2017
Science of Spirituality/4105 Naperville Rd	4.5 acre meeting hall and parking lot	April 2017/estimated November 2018
Fender Place/ 4740 Fender	1.1 acre multi-family development	June 2017/ estimated November 2018