



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2017 To March, 2018

Permit No. ILR40 0183

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: Village of Downers Grove Mailing Address 1: 5101 Walnut Avenue

Mailing Address 2: _____ County: DuPage

City: Downers Grove State: IL Zip: 60515-4074 Telephone: 630-434-5460

Contact Person: Julie Lomax Email Address: jlomax@downers.us
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Village of Downers Grove

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach | <input type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input type="checkbox"/> | 5. Post-Construction Runoff Control | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

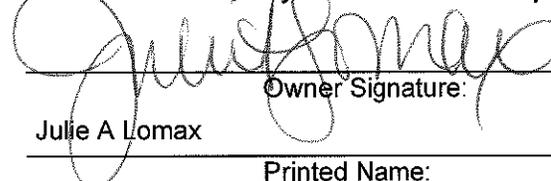
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

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

F. Attach a list of construction projects that your entity has paid for during the reporting period.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))


Owner Signature:
Julie A Lomax
Printed Name:

14-May-18
Date:
Stormwater Administrator
Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

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

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

**VILLAGE OF DOWNERS GROVE, ILLINOIS
NPDES PERMIT ILR40-0183**

SECTION A – CHANGES TO BEST MANAGEMENT PRACTICES

No changes were made to Best Management Practices during the reporting year (March 2017 to February 2018) from the Downers Grove 2016 Notice of Intent for Renewal, Permit No. ILR40-0183 dated May 26, 2016.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

SECTION B – STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

A. PUBLIC EDUCATION AND OUTREACH

A.1 Distribute 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.

Goals:

Publish two articles per year about the impacts of stormwater discharges on water bodies and actions the public can take to reduce pollutants. Work with DuPage County and partners and make various brochures and fact sheets available to the public in take-away racks at Village and the Public Works facility.

Milestones (Year 2):

Make brochures available and 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.

Status:

The Village of Downers Grove regularly participates in the Municipal Engineers Group and BMP work group. The following brochures are available at Public Works and at Village Hall:

- Adopt-A-Stream
- Best Management Practices
- Car Wash Guidelines
- Driveway Sealants
- Greening Urban Areas
- Citizen Monitoring: Illicit Discharge Detention and Elimination
- Proper Pet Care
- Rain Barrel Benefits
- Springing into Summer
- Sustainable Lawn Care Practices
- Water Where you Live: Back to Basics
- Conservation@Home
- Got Downspouts? Build a rain garden?
- 10 Things You Can Do To Prevent Stormwater Runoff Pollution

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

A.2 Speaking Engagement

Brief Description of BMP:

Speaking engagements provide another outlet to inform the public about stormwater issues, procedures, and information.

Goals:

Annually, encourage staff to present to Village Council and at special events on stormwater pollution prevention, green infrastructure, or climate change.

Milestones (Year 2):

Encourage staff participation in speaking engagement opportunities.

BMP Status:

Village staff made the following presentations about stormwater issues during Year 15:

- IAFSM Annual Conference – “Redevelopment in Urban Flood Prone Areas” – 3/8/17
- Judge for Annual Sustainable Design Challenge hosted by SCARCE and DuPage County – 4/4/17
- Herrick Middle School / Junior Achievement Career Day – 1/26/18
- O’Neill Middle School / Junior Achievement Career Day – 2/23/18
- APA – Understanding Stormwater in Your Neighborhood – 2/27/18
- APA – Visualizing Stormwater Runoff – 2/28/18

A.3 Public Service Announcement

Brief Description of BMP:

Public service announcements are utilized to reach large groups of people and inform them of issues regarding stormwater management and water quality.

Goals:

Keep residents informed on a variety of stormwater management and water quality topic using the Downers Grove Cable TV Channel, social media, the Village Newsletter, Hometown Times, and Village e-News.

Milestones (Year 2):

Coordinate with DuPage County to update and air public service announcements on the Downers Grove Cable TV Channel. Utilize social media to inform the public of issues regarding stormwater management and water quality.

BMP Status:

The Village uses its website, Facebook, Twitter, YouTube, and RSS Feeds/Podcasts to keep residents informed on a variety of stormwater management and water quality topics. The Village airs a 22-minute program titled *After the Storm* and a 30-second commercial titled *Don’t Muddy the Waters* on the local access channel. *After the Storm* aired approximately 45 times, and *Don’t Muddy the Waters* aired approximately 20 times. Articles on cleaning up leaves, sustainable lawn care, limiting salt in the winter, flood insurance, revised floodplain maps, rain barrels, and the Stormwater Utility run

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

periodically in the Village Newsletter, *Hometown Times*. From time-to-time, the weekly Village e-News elicits help from residents to clear debris from storm sewer inlets.

Village E-News publications contained the following water quality topics:

- 3/31/17 – Floodplain and Flood Insurance Info
- 3/17/17 – Floodplain and Flood Insurance Info
- 4/28/17 – Rain Barrel Sale and Native Plant Sale

Downers Grove's *Hometown Times* publication contained the following water quality topics:

- Issue I 2017 (March) – "Simple Lawn Care Changes Can Help Water Quality"
- Issue IV 2017 – "To Salt or Not to Salt?"

Village Corner contained the following water quality topics:

- 4/26/17 – Native Tree and Shrub Sale and Rain Barrel Sale
- 5/3/17 – Rain Barrel Sale and Native Tree and Shrub Sale
- 5/24/17 – Keep Storm Drains Clear and Rain Barrel Sale
- 5/31/17 – Open House, Rain Barrel Sale, and Native Tree and Shrub Sale

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. These events can reach a broad group of people comprised of residents, non-residents, and business leaders.

Goals:

Annually hold a community event and distribute stormwater information to residents.

Milestones (Year 2):

Hold a Public Works Open House and provide information to residents.

BMP Status:

The Village held its annual Public Works Open House on Thursday, June 8, 2017. Village staff distributed stormwater information to the public at the Open House. DuPage County staff was also at the Open House with stormwater management and water quality information.

DuPage River Sweep: On April 9th, Cub Scouts Wolf Den Pack 54 removed 16 bags of trash and debris from a Village owned wetland located near Dunham and Lemont Road. A group of 18 volunteers spent two hours clearing the wetland. The Conservation Foundation provided the scouts with trash grabbers, gloves, and trash bags to aid in the cleanup. The scouts removed over 16 bags of trash from the area and coordinated with Public Works to properly dispose of the collected waste.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

A.5 Classroom Education Material

Brief Description of BMP:

DuPage County is acting as a qualifying local program.

A.6 Other Public Education

Brief Description of BMP:

Other public education initiatives allow further opportunities to promote stormwater management and water quality issues.

Goals:

Annually participate in further opportunities to promote stormwater management and water quality issues and continue to review and update public education information.

Milestones (Year 2):

Require storm sewer grates with an integrated permanent label reading "DUMP NO WASTE – DRAINS TO WATERWAYS" in new developments.

BMP Status:

The Village requires storm sewer grates with an integrated permanent label reading "DUMP NO WASTE – DRAINS TO RIVER" in new developments and provides the same for storm sewer grates installed by the Village. The Village also actively participates with the DuPage River Salt Creek Workgroup's public education and outreach efforts.

B. PUBLIC PARTICIPATION / INVOLVEMENT

B.1 Public Panel

Brief Description of BMP:

Being aware of public opinion can assist in creating programs that address concerns effectively.

Goals:

A staff liaison will be available to attend the monthly meetings of the Village's Environmental Commission and assist the commission with various initiatives, including rain barrel sales and the Green Business Recognition Program.

Milestones (Year 2):

Provide support to and communicate with the Village's Environmental Concerns Commission.

BMP Status:

A staff liaison attends meetings of the Environmental Concerns Commission and assists the Commission with various initiatives, including rain barrel sales and the Green Business Recognition Program.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

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.

Goals:

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

Milestones (Year 2):

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 DuPage County Municipal Engineers Group's monthly meetings, including Stormwater Committee meetings and the BMP workgroup, and the DuPage River Salt Creek Workgroup's meetings and initiatives including chloride reduction, nutrient reduction, and dissolved oxygen improvement.

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.

Goals:

Attend all regular meetings of the Stormwater and Flood Plain Oversight Committee, as well as public hearings for variance requests related to the Stormwater and Floodplain Ordinance.

Milestones (Year 2):

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:

The Village holds regular meetings of the Stormwater and Flood Plain Oversight Committee, which includes public hearings. Staff is present at all meetings.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

B.5 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 help develop proposed water quality improvement projects. As a member of the DuPage River Salt Creek Workgroup, Village staff participates in monitoring projects.

Goals:

Annually participate in monitoring projects.

Milestones (Year 2):

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 Status:

As a member of the DuPage River Salt Creek Workgroup, Village staff participates in monitoring projects such as the Basin Assessment for Salt Creek.

B.6 Program Involvement

Brief Description of BMP:

Be active in local water quality programs and implementation efforts.

Goals:

Actively participate in DuPage Salt Creek Work Group and other local water quality programs.

Milestones (Year 2):

Be active in local water quality programs and implementation efforts.

BMP Status:

Active member of the DuPage River Salt Creek Workgroup and DuPage County water quality initiatives.

B.7 Other Public Involvement

Brief Description of BMP:

Identify any environmental justice area within the Village using the website link: <http://epa.gov/environmentaljustice/> and develop strategies to involve the public from these environmental justice areas in the Village's stormwater management.

Goals:

The Village will begin identifying environmental justice area; if applicable the Village will begin identifying appropriate public involvement/participation, which may include proving notices to residents written in Spanish (or other applicable language).

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

Milestones (Year 2):

Identify any environmental justice areas within the Village using the website link: <http://epa.gov/environmentaljustice/>.

BMP Status:

Reviewed the information available from USEPA. Currently evaluating Village areas to determine if any environmental justice areas exist.

C. ILLICIT DISCHARGE DETECTION AND ELIMINATION

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. The Village storm sewer map is substantially complete, showing all Village owned infrastructure.

Goals:

Annually update the Village storm sewer map with data from private and public improvement projects.

Milestones (Year 2):

Incorporate new outfall and storm sewer information into the GIS database.

BMP Status:

The Village storm sewer system map is updated from with data from private and public improvement projects.

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 elimination and enforcement action when illicit discharges are found.

Goals:

Ensure Corrective action is taken whenever illicit discharges are detected.

Milestones (Year 2):

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

BMP Status: DuPage County and the Village continued to implement the IDDE program.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

D. CONSTRUCTION SITE RUNOFF CONTROL

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.

Goals:

Perform detailed reviews of the engineering plans for all proposed developments, address any violations of the Stormwater and Flood Plain Ordinance, and answer any questions from the public.

Milestones (Year 2):

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 Status:

The Village performs detailed reviews of the engineering plans for all proposed developments. Permit files are maintained for each project. Village staff regularly attends the monthly Municipal Engineers Group meetings, which occasionally include presentations on new erosion and sediment control technology. Staff proactively addresses violations of the Stormwater and Flood Plain Ordinance at active construction sites and answers questions from the public.

E. POST CONSTRUCTION RUNOFF CONTROL

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 in accordance with the Ordinance. Staff also reviews BMP designs prior to construction and inspect sites during and after construction.

Goals:

Assist permit applicants in interpreting the Stormwater and Flood Plain Ordinance throughout the permitting process. Review record drawings and conduct a final inspection once a permitted project has been constructed.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

Milestones (Year 2):

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 regularly assists permit applicants in interpreting the Stormwater and Flood Plain Ordinance throughout the permitting process, particularly in the application of PCBMPs. Applicants are required to submit record drawings once a permitted project has been constructed and prior to staff conducting a final inspection.

E.7 Other Post-Construction Runoff Controls

Brief Description of BMP:

Water quality monitoring must include not only visual inspection of stormwater outfalls, but also sampling of various water bodies throughout Village limits. This sampling of various water bodies may include in-stream monitoring, sediment monitoring, outfall/discharge monitoring, or BMP performance monitoring and must be performed within 48 hours of a precipitation event greater than or equal to one quarter inch in a 24-hour period. At a minimum, the monitoring shall include the following parameters: total suspended solids, total nitrogen, total phosphorous, fecal coliform, chlorides, and oil and grease.

The Village will also begin developing a process for assessment of flood control projects for potential climate change impacts. Climate change involves more frequent high intensity rainfall, which leads to increased runoff and erosion. An increase in runoff and erosion can be offset by constructing more BMPs (such as turf reinforced mats), installing more drought tolerant plants, and installing larger storm sewers capable of conveying the increased runoff due to climate change. Information on climate change can be found at the following website link: <http://www.epa.gov/climatechange/>.

Goals:

The Village will identify and begin a water quality monitoring program. The Village will begin developing and implementing a process to assess the impact of global climate change in the design of all new and retrofit flood management projects. The Village will begin developing a process to assess flood control projects for the impacts associated with global climate change. Information on climate change can be found at the following website link: <http://www.epa.gov/climatechange/>.

Milestones (Year 2):

The Village will continue its Monitoring Program. The Village will continue developing a process to assess flood control projects for the impacts associated with climate change.

BMP Status:

The Village has contracted with DuPage County to perform dry weather outfall inspections as well as in stream water quality monitoring. The Village has developed a process to assess flood control projects for impacts associated with climate change.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

F. POLLUTION PREVENTION / GOOD HOUSEKEEPING

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.

Goals:

Annually train new Public Works Department employees, and, if possible, contractors, to prevent or reduce stormwater pollution from municipal activities.

Milestones (Year 2):

Continue annual stormwater pollution prevention training for Public Works Department employees.

BMP Status:

- 10/12/17 – Snow plow team leaders attended the Public Roads Deicing Workshop – presented by DuPage County and DuPage River Salt Creek Workgroup
- 3/1/18 – Staff attended the Illinois MS4 Implementation Seminar by APWA/EWRI
- 4/5/17 – Pollution Prevention for MS4 Communities – DuPage County Stormwater Management
- 11/29/17 – Green Infrastructure Seminar for MS4 Communities
- Six employees attended over 12 different training events, including Evaluating Permeable Paver Options, Green Infrastructure and Design & Maintenance for MS4 Communities, 2016 Stormwater Management Conference. Tailgate talks about the requirements of the MS4 permit and water quality occur as needed.

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 to the storm sewer system. The program includes regular inspection, cleaning, maintenance of inlets and catch basins and as-needed storm sewer cleaning and repair, as well as re-grading roadside ditches. The Village will begin maintaining green infrastructure using employees or contractors trained in the routine maintenance, repair, or replacement of green infrastructure. The Village's storm sewer system includes over 12 miles of ditches, 32 miles of storm sewer, and over 2,600 storm sewer structures.

Goals:

Continually inspect and maintain the storm sewer system. Evaluate the effectiveness of the maintenance program annually and update the program as needed. Begin training

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

employees or contractors in the routine maintenance, repair, or replacement of green infrastructure.

Milestones (Year 2):

Continue conducting formal inspections and maintenance. Review the program for effectiveness and update the program as needed. Begin training employees or contractors in the routine maintenance, repair, or replacement of green infrastructure.

BMP Status:

The following maintenance was performed on the storm sewer system:

- 123 catch basins were cleaned
- 198 drainage structures were repaired or installed
- 16,425 feet of storm sewer was televised
- 19,250 feet of storm sewer was cleaned
- inspected and maintained 25 storage facilities
- 8,100 feet of roadside ditches were re-graded
- Public Works yard inspections performed

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. Document the Village procedures and structural control measures to reduce the discharge of pollutants from municipal operations in a Stormwater Pollution Prevention Plan for the Public Works Facility.

Goals:

The Village has many operational policies designed to prevent stormwater pollution associated with municipal operations.

Milestones (Year 2):

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 performed in the Public Works garage, where floor drains connect to triple basins prior to discharging to the sanitary sewer system. Road salt and other materials are stored in covered shelters to minimize exposure to rainfall. Lubricant and oil spills resulting from equipment maintenance are cleaned up using oil absorbing compounds, rather than hosing down spill areas. The Village has contracted with Downers Grove Sanitary District for proper disposal of waste, and vehicle fluids are recycled or otherwise disposed of properly.

The Village maintains a Memorandum of Understanding with the DuPage River Salt Creek Workgroup to refrain from the use of coal-tar sealants in any Village project

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

F.5 Flood Management/Assess Guidelines

Brief Description of BMP:

The Village adopted a Watershed Infrastructure Improvement Plan on September 18, 2007. The study presented specific solutions for each major watershed in the Village. The first phase of implementation is increasing maintenance, the second phase is accessing the infrastructure, and the last phase is construction of recommended infrastructure improvements.

Goals:

Implement the projects identified in the Watershed Infrastructure Improvement Plan and 2014 Stormwater Project Analysis by priority and participation in the National Flood Insurance Program's Community Rating System.

Milestones (Year 2):

Implement projects identified in the 2014 Stormwater Project Analysis Report as budget allows and continue to participate in the National Flood Insurance Program's Community Rating System.

BMP Status:

The first two phases of implementation of the Watershed Infrastructure Improvement Plan is complete. The Village is now in phase three and the implementation of the Stormwater Utility has helped the Village construct infrastructure improvements necessary to reduce flooding. The Village continues to participate in the Community Rating System (CRS) and has maintained a CRS rating of 6.

Following the April 18, 2013 storm event, the Village prepared an extensive Staff Report on the April 2013 Flood Event. The 2014 Stormwater Project Analysis was a result of that Staff Report and prioritizes projects in the areas of concern identified in the Watershed Improvement Plan and subsequent storm event reports.

Projects completed in 2017:

Area 1 – Black Oak/Candlewood – Design in progress

Area 2 – Downers/40th – Study in progress

Area 3 – Elm/Earlston – Design in progress

Area 6 – Highland Ct/Washington – Complete

Area 7 – Drendel Rd (S of Indianapolis) – Design in progress

Area 8 – Chase Ave (Haddow to Burlington) – Complete

Area 10 – Prairie/Forest – Design in progress

Area 11 – Linden – Design in progress

Area 12 – Hitchcock (Glenview to Cornell) – Design in progress

Area 14 – Jefferson & Middaugh – Complete

Area 15 – Lyman (Kenyon to Blanchard) – Complete

Area 16 – Hobson Triangle area – Study in progress

Area 17 – Francisco (Haddow to Burlington) – Complete

FP-1 – St Joseph Creek (Hummer Park to Village Hall) – working with DuPage County

FP-2 – Deer Creek – RFP sent for preliminary study, working with DuPage County

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS
NPDES PERMIT ILR40-0183

FP-4 – St Joseph Creek (Maple and Elmwood) – included with FP-1

F.6 Other Municipal Operations Controls

Brief Description of BMP:

Participate in the DuPage River Salt Creek Work Group to implement control measures that will reduce the chloride concentration in receiving streams within the watershed.

Goals:

Actively participate in the watershed group and attempt to implement recommended control measures.

Milestones (Year 2):

Actively participate in the watershed group and attempt to implement recommended control measures.

BMP Status:

Staff actively participates in the DuPage Salt Creek Work Group.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

**VILLAGE OF DOWNERS GROVE, ILLINOIS
NPDES PERMIT ILR40-0183**

SECTION C – INFORMATION AND DATA COLLECTION RESULTS

The Village of Downers Grove participates in DuPage County's and the DuPage River Salt Creek Workgroup's water quality monitoring programs. Monitoring data from this reporting period is presented in DuPage County's Annual Facility Inspection Report, and is available from DRSCW.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

**VILLAGE OF DOWNERS GROVE, ILLINOIS
NPDES PERMIT ILR40-0183**

**SECTION D – SUMMARY OF NEXT REPORTING PERIOD STORMWATER
ACTIVITIES**

From March 2018 through February 2019, the Village plans to continue to implement the Best Management Practices included in Part II of the NOI. The Village plans to construct a number of stormwater projects aimed at reducing flooding and stormwater pollution. The Village also intends to post the water quality brochures on the website.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

**VILLAGE OF DOWNERS GROVE, ILLINOIS
NPDES PERMIT ILR40-0183**

SECTION E – NOTICE OF RELIANCE ON ANOTHER GOVERNMENT ENTITY

The Village of Downers Grove 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 to determine if the flow consists of stormwater or runoff from one of the 21 allowed uses, as stated in ILR40. The monitoring plan anticipates that all of the outfalls discharging into DuPage County's waterways, including those in the Village of Downers Grove, will be monitored during the five-year permit cycle.

The Village of Downers Grove 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 Public Education and Outreach activities, DuPage County conducts regular classroom education on topics including stormwater management, the environment, and water quality, as well as distributes other public education materials. The Village is a member of the DRSCW, which also conducts public education activities.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

VILLAGE OF DOWNERS GROVE, ILLINOIS NPDES PERMIT ILR40-0183

SECTION F – CONSTRUCTION PROJECTS CONDUCTED DURING REPORTING PERIOD

- Meadow Lane culvert replacement
- Parking deck maintenance for the downtown parking garage.
- Maintenance and replacement of public sidewalks throughout the Village (ongoing project).
- ADA Improvements: Accessibility Improvements of various areas within the right-of-way – Hitchcock/Walnut, Curtiss/Walnut, 5th/Florence, Dunham/Blanchard, Carpenter/Maple,
- Roadway resurfacing (A): Saratoga Avenue (39th to 35th and north of Oak Hill), Rosewood Place, Dillon Court, Douglas Road (north of Ogden to 39th), Florence (north of Ogden), Foxfire Court, Brentwood Place, Biltmore Road, Herbert Street, 39th (just west of Cumnor to eastern Village boundary just east of Williams), Highland (Grant to Ogden), Sherman Street (Main Street to Highland Avenue), Lincoln Avenue (Douglas Road to Fairview Avenue), Indianapolis Avenue (Douglas Road to Fairview Avenue), Elmwood Avenue (Randall Street to Maple Avenue), Blodgett Avenue (Randall Street to Maple Avenue), Hill Avenue (Blodgett Avenue to Grand Avenue), Ridgewood Circle (61st to Dunham Road), Hillcrest Court, Dunham Road (63rd to Norfolk Street)
- Roadway resurfacing (B): 67th (Dunham Road to Saratoga Avenue), Saratoga Avenue (67th south to end), 68th (Dunham Road to Saratoga Avenue), Terrace Drive (south of 71st), Dexter Road, Springside Avenue, Kelly Place, Richards Avenue, Willard Place, Baker Place, Stanford Road, Matthias (north section), Claremont Drive, Pinewood Drive, Pinewood Place, Blackburn Avenue (75th to 73rd), 73rd Street (Blackburn to Fairview), Grand Avenue (75th to 73rd), 74th (Grand to Fairview West), Fairview West, 75th (access road from Blackburn to Grand), Fairview Avenue (75th south to Village boundary), Frontage Road (Fairview east to Florence), Florence Avenue (Frontage south to Village boundary)
- Roadway resurfacing: Main Street (Ogden to Franklin), Maple Avenue (55th to Main)
- Roadway reconstruction: Grant Avenue (Oakwood to Prince), Jay Drive, Webster Street (Valley View north), Lyman (Valley View north)
- Highland Court: Stormwater improvements including installation of curb and gutter and storm sewer, and resurface Highland Court.

MARCH 2017 TO FEBRUARY 2018 (YEAR 15) REPORTING PERIOD

**VILLAGE OF DOWNERS GROVE, ILLINOIS
NPDES PERMIT ILR40-0183**

- Lyman Alley: Stormwater improvements to alleviate flooding, including grading in the alley and installation of storm sewer on Blanchard (Lyman, Washington, Kenyan and Blanchard).
- 5639 Webster: Demolition of repetitive loss house in the floodplain; return to greenspace.
- Construct/expand detention basin in preparation for Brookbank Road construction from 60th Place to 59th.
- Water Main – Stonewall (63rd north to Village boundary), Maple Avenue (Carpenter to Lane), Gierz (Fairview to Florence), Oak Hill (Saratoga to Venard), Springside (Brunette to Ruth K Powers park)