



Village of Bloomingdale

Franco A. Coladipietro
Village President

Jane E. Michelotti
Village Clerk

May 1, 2018

"Growth with Pride"

Marybeth Falsey
DuPage County Department of
Development and Environmental Concerns
Jack T. Knuepfer Administration Building
421 North County Farm Road
Wheaton, IL 60189-0853

RE: NPDES PHASE II – 2017-2018 ANNUAL FACILITY INSPECTION REPORT CO-
PERMITTEE INSPECTION REPORTS AND ATTACHMENTS/SUPPLEMENTAL
INFORMATION

Dear Ms. Falsey:

Pursuant to the intergovernmental agreement adopted by Resolution 2003-R-02 between the Village of Bloomingdale and County of DuPage dated January 13, 2003, please find enclosed two executed copies of Village of Bloomingdale NPDES Phase II 2017-2018 Annual Facilities Inspection Report which includes the Inspection Report and Attachments/Supplemental information. Please attach this information to the DuPage County Annual Facilities Inspection Report submittal due to IEPA by June 1, 2018.

Should you require additional information, please advise.

Very truly yours,

VILLAGE OF BLOOMINGDALE

James T. Monkemeyer.
Director of Public Works

JTM:sml

Enclosures

Pc: Pietro Scalera, Village Administrator
Robert F. Prohaska, P.E., Village Engineer
Michael J. Gricus, Building Commissioner



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 0295

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

Name: Village of Bloomingdale Mailing Address 1: _____

Mailing Address 2: 201 South Bloomingdale Road County: DuPage

City: Bloomingdale State: IL Zip: 60108 Telephone: 630-671-5692

Contact Person: James T. Monkemeyer Email Address: monkemeyerj@vil.bloomingdale.il.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 Bloomingdale

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:

James T. Monkemeyer

Printed Name:

4-23-18
Date:

Director of Public Works
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

Annual Facility Inspection Report – Section A

NPDES Permit No. ILR 400295 Village of Bloomingdale Notice of Intent April 23, 2018

No changes were made during this reporting year to the best management practices that were outlined in the Village of Bloomingdale's Notice of Intent dated 4/23/2018, to obtain coverage under General NPDES Permit No. ILR40.

Annual Facility Inspection Report – Section B

Supplement to DuPage County ILR400502 being a Qualified Local Program.

In addition to information provided by DuPage County, and the DuPage River Salt Creek Workgroup (attached) the Village of Bloomingdale conducted additional activities toward compliance with permit conditions.

STORMWATER MANAGEMENT PRACTICES

A. Public Education and Outreach

A.1,A.2,A.3,A.4,A.5,A.6

- Storm Stenciling program – Coordinate as requested with Boy Scout volunteer groups and the Conservation Foundation Dupage River Coalition to stencil paint “Do Not Dump – Drains to River”.
- Adopted Proclamation Supporting 2017 River Sweep on May 20, 2017.
- Offered Informational Materials at Village Hall and on-line (including Facebook) at the Village web site (www.villageofbloomingdale.org) Published 14 articles in Village Almanac mailed directly to Village residents and businesses.
 1. February 2017 – “Residents Urged to Reduce Use of Road/Sidewalk/Driveway Salt This Winter” article concerning salt conservation in the interest of the environment.
 2. April 2017 – Arbor Day 2017.
 3. April 2017 – Cross Connection Control Devices article concerning requirements.
 4. April 2017 – “Recycling Events” article concerning free recycling events.
 5. June 2017 – Arbor Day 2017.
 6. June 2017 – “Recycling Events” article concerning free recycling events including latex paint.
 7. June 2017 – Prescription Medicine Drop Off.
 8. June 2017 – Help Prevent Polluted Runoff Water article concerning pollutants washing into storm drains, household hazardous waste.
 9. August 2017 – Help Prevent Local Flooding “Keep debris out of storm grates”.
 10. August 2017 – Summer Water Conservation.
 11. October 2017 – Adopt A Storm Grate - Help Prevent Street Flooding.
 12. October 2017 – “Don’t Leave Those Leaves in the Street”.
 13. December 2017 - “Ice and Salting” article concerning salt conservation in the interest of the environment
 14. February 2018 – “Grease Goes In The Garbage, Not The Sink”

- Informational Materials at Village Hall
 1. DuPage County River Sweep brochure
 2. Car Wash Discharge Guidelines – Send Only Rain Down the Drain
 3. More than Rain Down the Drain – Illicit Discharge Detection and Elimination Public Awareness
 4. Maintain The Drain
 5. Car Wash and Pool Discharge Guidelines – Send Only Rain Down the Drain
 6. Help Prevent Ocean Pollution – Tips for Car Wash Fund-Raisers
 7. DuPage County Electronics Recycling Program
 8. Rain Barrels
 9. Seal Coating Your Driveway PAH's
 10. Storm Drain Stenciling – Dump No Waste Drains to River
 11. DuPage County Economic Development & Planning Stormwater Management Magnets “Only Rain Should Go Down the Storm Drain”
 12. Falling Into Winter DuPage County Stormwater Management BMP brochure
 13. Springing Into Summer DuPage County Stormwater Management BMP brochure
 14. Springing into Summer-DuPage County Stormwater Management brochure
 15. Water System Protection
 16. DuPage County Wetlands and Streams
 17. DuPage County Latex Paint Recycling Program
 18. DuPage County Residents Reminded to Dispose of Leaves Properly this Fall Handout
 19. Conservation@Home Handout
 20. Post Construction BMPs For The Homeowner
 21. Citizen Monitoring – Stormwater Management
 22. Sustainable Lawn Care – Stormwater Management
 23. Best Management Practices – Stormwater Management
 24. Adopt –A- Stream – Stormwater Management
 25. Car Wash Guideline – Stormwater
 26. Construction and Demolition Debris Recycling
 27. Toilets Are Not Trashcans Handout

- Information Posted on the Village Website
 1. Help Prevent Polluted Runoff Water
 2. Composting Yard Waste
 3. No Dumping-Keep Our Waterways Clean
 4. Dispose of Leaves Properly this Fall
 5. Arbor Day Celebration April 28, 2017 with link
 6. Adopt-A-Stream Program with link
 7. Eco-Friendly Transportation with link

8. Electricity Conservation Tips with link
9. Earth Day April 28, 2017 with link
10. DuPage River Sweep May 20, 2017 with link
11. Recycling Events for Electronics
12. Recycling Events for Paint
13. Cross Connection Information
14. Help Prevent Polluted Runoff Water Information
15. RX Box Dispose of medications safely
16. Conservation Foundation with link
17. Recycling Opportunities
18. DuPage River Salt Creek Workgroup
19. Try Using a Rain Barrel
20. NPDES ILR40 Permit
21. NPDES PHASE II Notice of Intent 2017
22. NPDES PHASE II Annual Facility Inspection Reports
23. Village of Bloomingdale Stormwater Management Plan
24. DuPage Wetland & Streams Stormwater Management
25. DuPage County Stormwater Collection App
26. Water Conservation Tips
27. Think Before You Flush
28. Land Preservation & Watershed Protection with link
29. Reduce-Reuse-Recycle with link
30. DuPage County Guide to Preventing & Repairing Flood Damage
31. Ice Removal Best Practices to Protect Local Waterways
32. Drinking Water and Lead

- Published 19 Articles in Village Residential E-News sent to participating residents and businesses
 1. April 6, 2017 – “Recycling Events” Information
 2. April 13, 2017 – “NPDES Stormwater Management Plan Annual Meeting” Information
 3. April 13, 2017 – “Recycling Events” Information
 4. April 20, 2017 – “NPDES Stormwater Management Plan Annual Meeting” Information
 5. April 20, 2017 – “Recycling Events” Information
 6. April 27, 2017 – “Arbor Day” Information
 7. April 27, 2017 – “Recycling Events” Information
 8. May 16, 2017 – “River Sweep” article concerning helping clean up our rivers
 9. June 1, 2017 – “Recycling Event” Information
 10. June 20, 2017 – “Recycling Event” Information
 11. August 23, 2017 – “Electronics Recycling” article concerning upcoming events
 12. August 30, 2017 – “Electronics Recycling” article concerning upcoming events

13. September 6, 2017 – “Electronics Recycling” article concerning upcoming events
14. September 20, 2017 – “Electronics Recycling” article concerning upcoming events
15. September 27, 2017 – “Recycling Events” Information
16. November 2, 2017 – “Recycling Information”
17. February 14, 2018 – “River Sweep” article concerning helping clean up our rivers
18. February 22, 2018 – “River Sweep” article concerning helping clean up our rivers
19. March 23, 2018 – “Recycling Events” article concerning upcoming events

- o Offered and provided Water Reclamation Facility educational tours upon request to community groups.
- o COD Environmental Studies Class Tours – July 10, 2017, September 19, 2017 and February 2, 2018.
- o Participate as member of the DuPage River Salt Creek Workgroup – website, chloride information, workshops and newsletters.
- o Advised Subdivisions of Snow and Ice Control Operations-Salting Workshop on October 5, 2017.

B. Public Participation/ Involvement B.1,B.3,B.4,B.5,B.6

Stakeholder Meetings/Public Meetings

- Staff attended stakeholder meetings as member of the DuPage River/Salt Creek Work Group (DRSCW)
- DuPage River Salt Creek Workgroup Meeting – April 26, 2017, August 30, 2017, February 1, 2018,
- Stormwater Management Plan Annual Public Meeting – April 24, 2017
- DuPage County Stormwater Management Meeting – October 17, 2017

C. Illicit Discharge Detection and Elimination C.1,C.2,C.3,C.4,C.5,C.6,C.7,C.8

Storm Sewer Mapping

- Engineering Division completed annual update of Village Storm Sewer Atlas
- Inspected and cleaned the 135 storm sewer outfall structures inventoried in year one.

Regulatory Control Program

- Annual regulatory administration of 200+- sanitary sewer discharge permits pursuant to TITLE 9, CHAPTER 3, OF THE VILLAGE CODE, ORDINANCE NO. 92-31.
- Continued to enforce TITLE 5, CHAPTER 3, OF VILLAGE CODE, ORDINANCE NO. 2009-30 “AN ORDINANCE REGULATING ILLICIT DISCHARGES AND DETECTION AND ELIMINATION OF ILLEGAL CONNECTIONS TO STORMWATER DRAINAGE

SYSTEMS WITHIN THE VILLAGE OF BLOOMINGDALE” in cooperation with DuPage County Ordinance.

- Continued to support RESOLUTION NO. 2009-R-14 A RESOLUTION AUTHORIZING ENTERING INTO AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE VILLAGE OF BLOOMINGDALE AND THE COUNTY OF DU PAGE, ILLINOIS FOR THE IMPLEMENTATION OF THE ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM as a full participant.
- Continued to enforce previously adopted TITLE 5, CHAPTER 3, OF VILLAGE CODE, ORDINANCE NO. 2009-31“AN ORDINANCE PROHIBITING DISCHARGE OF HAZARDOUS MATERIALS WITHIN THE MUNICIPAL BOUNDARIES OF THE VILLAGE OF BLOOMINGDALE” which prohibits the discharging and depositing of hazardous materials or pollutants on any premise within the municipal boundaries of the Village of Bloomingdale.
- Continued to support RESOLUTION NO. 2017-R-30 A RESOLUTION AUTHORIZING ENTERING INTO AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE VILLAGE OF BLOOMINGDALE AND THE COUNTY OF DU PAGE, ILLINOIS FOR THE IMPLEMENTATION OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PROGRAM IN THE SALT CREEK EAST BRANCH DUPAGE RIVER AND WEST BRANCH DUPAGE RIVER WATERSHEDS
- Continue to collect data for the DO monitoring station at Army Trail Road on the East Branch of the DuPage River in cooperation with DRSCW
- Village Published hotline/contact information on the Village Web site and in the Village Almanac encouraging the public to report illicit discharges.

D. Construction Site Runoff Control D.1,D.2,D.4,D.5,D.6

- Maintain full waiver status in the DuPage Countywide Stormwater and Floodplain Management Ordinance.
- Administer and enforce County Ordinance pursuant to VILLAGE CODE TITLE 10, CHAPTER 12.
- IEPA Inspection at WRF on June 30, 2017.
- Participate in monthly Municipal Engineer’s Group meetings hosted by DuPage County.
- Participate in meetings hosted by DuPage River Salt Creek Workgroup.
- Participate in Stormwater Management Training Opportunities.
- Monthly inspection of construction sites to verify ongoing compliance with the stormwater permit, addressing such issues as storage volume, site housekeeping, and erosion and sediment control. Follow-up inspections with property owner and/or permittee as necessary.
- Utilize checklist and flowcharts for plan reviews related to the Stormwater Management Ordinance.
- Sent letter on September 1, 2017 to business’s regarding Deicing Workshop October 5, 2017 and per VILLAGE CODE TITLE 10,

CHAPTER 9-2, SUBSECTION 302.1, the Village does not allow storage of salt on the exterior of private property.

E. Post Construction Stormwater Management

Maintain records on design of stormwater storage facilities for future verification of system operation.

- Work with owners of stormwater facilities upon completion of construction so that the owner of the facilities has a working understanding of their operation and maintenance.
- Completed annual inspection of all Stormwater storage basins and outlet control structures.
- Utilize checklists and review manuals to verify compliance of design with regulations.
- Observe construction of stormwater facilities. Perform inspection of stormwater facilities during construction and prior to the use of the facilities. Observe performance of the stormwater facilities to verify their operation is as planned.
- Annual inspection of Stormwater facilities in the spring of each year to verify all components are working as intended, with enforcement of deficiencies as needed.
- Through demolition and removal of structures – adding additional green space within the facility boundaries.
- Silt fencing surrounding work sites removed and grass planted-green space upgraded.
- Storm manholes cleaned and Best Management Practice for debris removal, storage and road clean up VILLAGE CODE TITLE 10, CHAPTER 9-2 SUBSECTION 308.1

F. Pollution Prevention/Good Housekeeping F.1,F.2,F.4,F.5

Employee Training Program

- Annual Village Snow and Ice Control Training and Equipment Calibration held 11-10-2017
- DuPage County Department of Transportation and DuPage County River Salt Creek Workgroup 2017 Public Roads Deicing Workshop – October 12, 2017
- **Staff attended the following in-house and Training Workshops**
 - MS4 Implementation Seminar – March 1, 2017
 - Utility Management – ISAWWA – April 5, 2017 and October 10, 2017
 - Watershed Seminar DuPage River Salt Creek Workgroup – April 13, 2017
 - Pollution Prevention for MS4 Communities – April 15, 2017
 - Illinois Section American Water Works Hydrant Flow Testing, IEPA Updates and Sampling Procedures – April 18, 2017
 - The Chemical Hazard – April 18, 2017
 - DuPage River Salt Creek Workgroup – April 26, 2017

- Water Storage Tanks IEPA – April 27, 2017
 - Bar Screening Headworks Training – May 3, 2017
 - APWA Expo – May 24 and 25, 2017
 - Hydrant Flushing Training – June 5, 2017
 - DMMC STP Workshop – June 5, 2017
 - Fox Valley Operators Association Conference – August 17, 2017
 - Fox Valley Operators Association P-Removal Pilot Study for Fox Metro – August 17, 2017
 - DuPage River Salt Creek Workgroup – August 30, 2017
 - Pipeline Safety and Land Use Planning Information – October 10, 2017
 - DuPage County Department of Transportation and DuPage County River Salt Creek Workgroup 2017 Public Roads Deicing Workshop – October 12, 2017
 - DuPage County Stormwater Meeting – October 17, 2017
 - ISAWWA Annual Regulatory Update – October 19, 2017
 - Creek Cleaning Training – November 1, 2017
 - Snow and Ice Control Meeting – November 10, 2017
 - Mid Central Water Works Association Meeting – November 15, 2017
 - Green Infrastructure Design and Maintenance for MS4 Communities – November 29, 2017
 - Class 3 Wastewater Treatment Works Operator Certification – January, 2, 2018
 - Chlorine Cylinder Change Outs – January 2, 2018
 - Sodium Hypochlorite Safety – February
 - DuPage River Salt Creek Workgroup – February 1, 2018
 - Lead and Cooper Water Treatment Corrosion Control in Distribution Systems – February 16, 2018
 - Hazards in Wastewater Treatment Industries – February 27, 2018
 - Mid Central Water Works Association Meeting – November 15, 2017
- Inspection and Maintenance Program
- Annual contractual program consisting of cleaning and televising of approximately 47,705-feet of sanitary sewer and 28,260-feet of storm sewer.
 - Continuous monitoring of the dissolved oxygen levels to maintain optimum concentrations at outfall of treatment facility into the East Branch of the DuPage River.
 - Storm Manhole inspections completed quarterly and annually. Generated by work order process within the WRF for 18 manholes.
 - Routine maintenance cleaning of 0-feet of storm sewer based on inspections.
 - Inspected 220 storm catch basins.
 - Contractual maintenance cleaning of 16 catch basins, and 43 “in-house” cleaning of catch basins.

- Rebuilt or replaced 19 storm water inlets and/or basins; constructed 0 new catch basins to replace inlets.
- Performed 0 storm sewer point repairs.
- Responded to 10 storm water related service requests.
- Performed 40 inspections on creeks and ponds.
- Conduct Annual Street Sweeping Program minimum of nine (9) times a year.
- Cleaned approximately 4,760-feet of sanitary in-house.
- Cured-in-place lining of sanitary sewers is complete. There are no clay sanitary sewers on system that are not lined.
- Annual contractual testing and grouting of 64 sanitary sewer lateral connections.
- Performed 8 river inspections and cleaned as needed headwaters and culvert crossing at: Army Trail Road - East Branch DuPage River; Circle Avenue - Springbrook – Salt Creek.
- Storm inlet grate cleaning, as required, before during and after heavy rainfall.
- Conduct Spring and Fall pre-rain season inspections of 135 stormwater detention/retention facilities and outfalls
- Maintained three (3) catch basin/inlet sedimentation filters at the Public Works Facility.
- Several river/creek inspections and clean up – prior and after all heavy rainfalls.
- Conducted 40 inspections and debris removal as required on the East Branch of the DuPage River (EBDR) upstream and downstream of Water Reclamation Facility outfall.
- Conducted Westlake inspections upstream of Water Reclamation Facility,
- Multiple clean-ups of debris from East Branch of DuPage River.
- Annual WRF NPDES permit audit/inspection conducted by IEPA representative on February 24, 2017.
- In house usage of containment products for chemicals and maintenance areas.
- Summarize IDDE incidents and responses during the report period.
- Rx pill disposal box drop off at the Village Hall/Police Department.

Municipal Operations Waste Disposal

- Discuss permit and storm water goals with Public Works and Utilities maintenance staff seeking input for the development of draft housekeeping BMP's.
- Outline Public Works and Utilities maintenance staff permit and storm water housekeeping BMP's.
- Municipal Operations BMP's - Public Works Street Division administered annual contract Street Sweeping Program nine (9) village-wide sweeps per year, plus five (5) additional beautification sweeps as needed.

- Implemented procedures to reduce amount of salt for road deicing in the winter operations.
- Managed delivery and handling of road salt at Public Works Domed Salt Storage Facility.
- Maintain aerator at village-owned 'regional' retention pond in Longridge Subdivision; treated pond for bottom feeding filamentous algae growth causing oxygen depletion.
- Implemented IEPA CCDD Program for Village excavations as required.

Annual Facility Inspection Report – Section C

NPDES Permit No. ILR 400295 Village of Bloomingdale, Notice of Intent April 23, 2018

Please see DuPage County's Annual Report for the detailed monitoring data collected over this period.

Annual Facility Inspection Report – Section D

NPDES Permit No. ILR 400295 Village of Bloomingdale, Notice of Intent April 23, 2018

Please see DuPage County's Annual Report for the goals of the storm water activities planned for the next reporting cycle.

Annual Facility Inspection Report – Section E

NPDES Permit No. ILR 400295 Village of Bloomingdale, Notice of Intent April May 23, 2018

The Village of Bloomingdale relies on certain established and developing DuPage County Qualified Local Programs to satisfy some of our General NPDES Permit No. ILR40 obligations for the six (6) minimum control measures: Public Education and Outreach, Public Participation/Involvement, Illicit Discharge Detection and Elimination, Construction Site Runoff Control, Post-Construction Runoff Control and Pollution Prevention/Good Housekeeping.

Annual Facility Inspection Report – Section F

NPDES Permit No. ILR 400295 Village of Bloomingdale, Notice of Intent April 23, 2018

The following construction projects greater than one (1) acre of disturbed area were paid for by the Village of Bloomingdale within the reporting period.

Village of Bloomingdale – Old Towne Streetscape/Roadway Improvements