



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, 2016 To March, 2017

Permit No. ILR40 0100

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

Name: Village of Glen Ellyn Mailing Address 1: 30 S. Lambert Road

Mailing Address 2: _____ County: DuPage

City: Glen Ellyn State: IL Zip: 60137 Telephone: 630-469-6756

Contact Person: Julius Hansen Email Address: jhansen@glenellyn.org
(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 Glen Ellyn

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

Julius Hansen
Owner Signature:
Julius Hansen
Printed Name:

5/17/17
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

**PLEASE NOTE THAT ANNUAL REPORTING FOR SECTIONS B AND D
CORRELATE TO EACH NOTICE OF INTENT BMP AS CHECKED ON ORIGINAL
PERMIT AS FOLLOWS:**

A. Public Education and Outreach

- A.1 Distributed Paper Material
- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

B. Public Participation/Involvement

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

C. Illicit Discharge Detection/Elimination

- C.1 Storm Sewer Map Preparation
- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prior. Plan
- C.4 Illicit Discharge Tracing Proced.
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation/Assessment
- C.7 Visual Dry Weather Screening
- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

D. Construction Site Runoff Control

- D.1 Regulatory Control Program
- D.2 Erosion & Sed. Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Inform. Handling Proc.
- D.6 Site Inspection/Enforce. Proc.
- D.7 Other Constr. Site Runoff Controls

E. Post-Construction Runoff Control

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Const Review of BMP Designs
- E.5 Site Inspect. During Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Const Runoff Controls

F. Pollution Prevention/Good Housekeep.

- F.1 Employee Training Program
- F.2 Inspection/Maintenance Program
- F.3 Muni Operations Storm. Control
- F.4 Muni Operations Waste Disposal
- F.5 Flood Mgmt/Assess Guidelines
- F.6 Other Muni Operations Controls

SECTION 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.

A. Public Education and Outreach

- **A.1 Distributed Paper Material**
- **A.2 Speaking Engagement**
- **A.3 Public Service Announcement**
- **A.4 Community Event**
- **A.5 Classroom Education Material**
- **A.6 Other Public Education**

ADD'L VILLAGE OF GLEN ELLYN COMPLETED TASKS/GOALS/MILESTONES:

The Village of Glen Ellyn has historically relied heavily on the County's efforts with relation to Public Education and Outreach. The County has developed a general education and outreach program related to stormwater and water quality that is included in their annual report. We will continue to assist the County in further educational development when possible.

The Village provides copies of brochures to residents at both the Village Hall and Public Works buildings. Brochures pertain to sources of pollutants in waterways and ways to minimize pollutants and improve water quality. The Village continues to coordinate with the County to obtain new and updated water quality information, including effects of climate change on stormwater impacts.

A link to DuPage County's website is provided on the Village website that directs the public to additional water quality opportunities and educational material.

Public service announcements were provided via video on the Village website and cable channel.

The Village of Glen Ellyn provides information to residents on public education events held by DuPage County throughout the year. This includes topics such as water quality efforts in specific watersheds, methods for pollution reduction, during and after construction BMPs, native vegetation, and green infrastructure. In accordance with the updated NPDES requirements future County presentations will include information on the potential impacts of climate change on stormwater discharge.

The Village routinely sends staff members to DuPage County workshops geared toward municipal staff on green infrastructure, good housekeeping, and other applicable topics to prevent and reduce the discharge of pollutants into waterways.

The Village's Environmental Commission sponsors a Rain Barrel Reimbursement Program, begun in June, 2010 and is ongoing. Details are provided on the Village website.

The Village regularly publishes Newsletter articles; a Special Environmental Edition Newsletter in December encouraged residents to reduce the amount of road salt used on driveways and walks. A newsletter published in March advertised all Village environmental events, including recycling pickups and clean-ups.

The Village holds scheduled recycling events throughout the year. Information is published via the Village of Glen Ellyn website through the Environmental Commission webpage. Last year's event was held on April 23, 2016. The Environmental Commission also recycled Christmas lights and Halloween and other holiday decorations from November to February.

The School and Community Assistance for Recycling and Composting Center (SCARCE) is located in the Village of Glen Ellyn and works with the Village.

B. Public Participation/Involvement

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

ADD'L VILLAGE OF GLEN ELLYN COMPLETED TASKS/GOALS/MILESTONES:

The Village of Glen Ellyn has been a regular attendee and active participant in the Municipal Engineer's Conference and the Municipal Engineers advisory group and the DuPage County Water Quality Stakeholder Committee focusing on Illicit Discharge Detection and Elimination (IDDE), NPDES Outfall mapping and creation of storm sewer atlas for all of DuPage County.

The Village of Glen Ellyn also continues its involvement with the DuPage River Salt Creek Workgroup (DRSCW) by attending regular meetings, participating in breakout workgroups, offering expertise when applicable, and funding through the annual fee. Major topics discussed continue to be DO Feasibility Study, Bio-assessment Plan, Nutrient Management, Non-Point Source Activities, Watershed Management Plans and Chloride Usage Education and Reduction Program.

The Village supports volunteer opportunities spear headed by DuPage County such as the Adopt-a-Stream program, DuPage River Sweep, Storm Drain Stenciling, etc.

The Village promotes public panels, stakeholder meetings, public meetings, etc. held by DuPage County.

The following public meetings were held:

- Lake Ellyn Improvements
- Oak/Elm/Geneva Improvements
- Police Station Improvements

The Village has provided opportunities for public input on the Villages MS4 program at the beginning of a minimum one board meeting throughout the year.

C. Illicit Discharge Detection/Elimination

- C.1 Storm Sewer Map Preparation
- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation/Assessment
- C.7 Visual Dry Weather Screening
- C.8 Pollutant Field Testing
- C.9 Public Notification
- C.10 Other Illicit Discharge Controls

ADD'L VILLAGE OF GLEN ELLYN COMPLETED TASKS/GOALS/MILESTONES:

The Village of Glen Ellyn relies on DuPage County for most of the activities related to BMPs. The Village of Glen Ellyn continues to revise and update its storm sewer atlases on a regular basis.

The Village promotes the use of the County IDDE hotline by their residents and promotes education to reduce illicit discharges.

The Village enforces the County IDDE ordinance within their jurisdiction

Village staff attends DuPage County presentations on the hazards associated with illicit discharges and the improper disposal of waste, as well as the requirements and mechanism for reporting such discharges.

The Village performed dry weather inspections of 18 outfalls for abnormal flows. No abnormal flows were found.

D. Construction Site Runoff Control

- D.1 Regulatory Control Program
- D.2 Erosion & Sediment Control BMPs
- D.3 Other Waste Control Programs
- D.4 Site Plan Review Procedures
- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures

D.7 Other Construction Runoff Site Controls

ADD'L VILLAGE OF GLEN ELLYN COMPLETED TASKS/GOALS/MILESTONES:

The Village of Glen Ellyn is currently operating under the DuPage County Countywide Stormwater and Flood Plain Ordinance. The Village of Glen Ellyn has been a regular attendee and active participant in the Municipal Engineer's Conference. The Village, in conjunction with the workgroup, will continue its efforts on water quality improvements focusing on NPDES Phase II requirements.

The Village of Glen Ellyn also performs site plan reviews on all development over 300 square feet. This Village policy is more stringent than County of State requirements. All developments in this classification must meet DuPage County Stormwater Ordinance Guidelines. Sites must include an erosion control plan and each plan must provide proper sediment and erosion control to obtain a permit.

A Village Code Enforcement Inspector inspects construction sites to ensure that disturbed areas meet soil erosion and sediment control requirements as outlined in the County Ordinance. Inspections are conducted before and during construction to ensure proper sediment and erosion control. As-built inspections are performed to ensure sites are properly inspected.

Requirements for sediment and erosion control structural BMPs for construction sites impacting 1,500 square feet or more. Methods include silt fencing, construction entrances, seed blankets, street sweeping and the protection of catch basins.

33 special management permits were reviewed during this reporting cycle.

160 single family homes were reviewed during this reporting cycle.

2 commercial developments were reviewed during this reporting cycle.

E. Post-Construction Runoff Control

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Construction Review of BMP Designs
- E.5 Site Inspections during Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Construction Runoff Controls

ADD'L VILLAGE OF GLEN ELLYN COMPLETED TASKS/GOALS/MILESTONES:

The Village of Glen Ellyn is currently operating under the DuPage County Countywide Stormwater and Flood Plain Ordinance. The Village of Glen Ellyn has been a regular attendee and active participant in the Municipal Engineer's Conference. The Village, in conjunction with

the workgroup, will continue its efforts on water quality improvements focusing on NPDES Phase II requirements.

The Village of Glen Ellyn also performs site plan reviews on all development over 1,500 square feet. This Village policy is more stringent than County or State requirements. All developments in this classification must meet DuPage County Stormwater Ordinance Guidelines.

The Village of Glen Ellyn adopted the latest version of the DuPage County Countywide Stormwater and Flood Plain Ordinance.

Post-construction inspections are conducted at all development sites utilizing native vegetation as a BMP, as well as for wetland, buffer, or riparian restoration and enhancement. These inspections are conducted by staff at least once per year for the duration of maintenance and monitoring period.

BMP designs are reviewed for compliance with pollution control requirements as well as volume control requirements.

Reviews of as-built details of BMPs are conducted during construction to ensure they are installed correctly. As-built inspections are conducted on BMP development sites following development and stabilization to ensure that BMPs have been implemented per plan.

BMP training is attended by Village staff as new regulations are added to the ordinance and as new products are developed.

160 Single Family Home permits were reviewed; 2 commercial sites were reviewed and 33 special management (floodplain) permit was reviewed during this reporting cycle.

The Village regularly receives and responds to emails from residents about post construction management concerns.

The Village performed several water quality projects as described below:

Elm-Oak-Geneva – The Village installed a settling basin and new native plantings for an improved outlet to a ditch on the north side of Geneva Road. The water quality features were approximately \$43,000.

Lake Ellyn Outlet Control Structure Replacement Project: The Village completed Lake Ellyn outfall improvements. Improvements will reduce flooding and uncontrolled discharge of the Lake. Improvements include removing 1,000 CY of sediment from the Lake.

SFH Buyout and BMP Implementation: The Village purchased a flood prone home downstream of Lake Ellyn and has completed regrading for flood overflows and installed native vegetation.

Police Station Improvements: The Village is constructing a new police station. The design incorporates bioswales and snouts on the storm structures in the parking lot.

F. Pollution Prevention/Good Housekeeping

- **F.1 Employee Training Program**
- **F.2 Inspection/Maintenance Program**
- **F.3 Municipal Operations Storm Control**
- **F.4 Municipal Operations Waste Disposal**
- **F.5 Flood Management/Assessment Guidelines**
- F.6 Other Municipal Operations Control**

ADD'L VILLAGE OF GLEN ELLYN COMPLETED TASKS/GOALS/MILESTONES:

The Village cleaned 3,420 miles of roads. The Village was swept 18 times and central business district was swept 80 times.

The Village televisive 4,020 feet of storm sewer, cleaned 850 feet of storm sewer, and cleaned 463 structures.

The Village currently has seven Vortex separators strategically placed within the Village's storm sewer system. These structures are cleaned on a regular basis for optimum performance.

The Village maintains permeable pavers on Village owned right-of-way and properties.

The Village washed vehicles in an indoor wash bay which drains to sanitary plant rather than storm sewers.

The Village installed and maintains inlet baskets within their public works yard

Street sweeping of streets is performed on a continuous basis. On average, all our 86 miles of roadway are swept twice per month between April and December.

Staff members also attended various County and Consultant Pollution Prevention / Good Housekeeping Seminars throughout the reporting year.

The Village has 2 Prius hybrids, 2 Escape hybrids, and 1 Transit Connect CNG vehicle in use.

The Village recycled approximately 3,500 tons or 7,000,000 pounds of materials. This was recycled through a licensed waste disposal contractor.

The Village collected 7,125 tons of solid waste through a licensed waste disposal contractor.

The Village collected 2,400 tons of yard waste material through a licensed waste disposal contractor.

The Village provided leaf pickup services. 900 CY were picked up from October-December

The Village owns televising equipment and televises storm sewer as needed throughout the Village. The Village tries to stay on the same 5-year schedule as the cleaning.

The Village lined 15,964 LF of sanitary sewer to reduce I/I.

The following table of recycling quantities in the Village demonstrates the three quarters reported in 2016 and the first quarter reported in 2017. The recycling quantities are reported to the Village by the company that performs curbside pick-up for the citizens of Glen Ellyn each week.

Recycling Quantities	
Reporting Period	Tons
March 2016 – Feb. 2017	3,534

SECTION C

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

The Village of Glen Ellyn has nothing to report. Please refer to County report.

SECTION D

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

The following stormwater activities are planned for year.

A. PUBLIC EDUCATION AND OUTREACH

The Village of Glen Ellyn will continue to rely heavily on County-driven Education and Outreach Programs. The Village will also make announcements at televised Board Meetings to notify residents of Programs and Activities (i.e. DuPage River Sweep Program, Storm Sewer Stenciling Programs, and Arbor Day events).

The Village will continue to update its website to provide links to events and brochures.

The Village will continue to update its website to provide links to information on DuPage County's website.

The Village will obtain brochures from DuPage County and make them available to the residents. Brochures may include:

- A Citizen's Guide to Monitoring Stormwater
- Streambank Stabilization in DuPage County

- Car Wash Discharge Guidelines
- DuPage County Wetlands and Stream
- DuPage County Adopt-a-Stream Program
- Backyards for Wildlife
- Where does the Rain Go?
- Dump No Waste – Drains to River
- Rain Barrel Installation Guide

B. PUBLIC PARTICIPATION/INVOLVEMENT

The Village of Glen Ellyn will continue to participate in the Municipal Engineer's Conference and the DuPage County Water Quality Stakeholder Committee. Both groups continue to meet on a regular basis to review and discuss program development as it pertains to storm water discharge and water quality. The Village of Glen Ellyn will also continue its involvement with the DuPage River Salt Creek Workgroup (DRSCW) by attending regular meetings, participating in breakout workgroups, offering expertise when applicable, and funding through the annual fee. Also, continue support of groups like the Village's Environmental Commission that provides opportunities for increasing public knowledge regarding many environmental issues.

The Village will obtain information on the County program of Adopt a Stormsewer.

Public meetings will be held for Village funded construction projects.

C. ILLICIT DISCHARGE DETECTION/ELIMINATION

The Village of Glen Ellyn plans to continue to update our storm sewer atlases to account for new construction. The Village will also continue to enforce the adopted IDDE requirements.

D. CONSTRUCTION SITE RUNOFF CONTROL

The Village of Glen Ellyn will continue to coordinate with DuPage County regarding updates to the Stormwater Ordinance on a regular basis to stay current with local and national regulations. Village staff will attend training workshops as offered by the DuPage County Water Quality Education Program to help insure the BMPs are regulated consistently.

NOI's obtained for Village projects will be posted on the Villages's website.

Discuss methods to better track sediment and erosion control inspections.

E. POST-CONSTRUCTION RUNOFF CONTROL

The Village of Glen Ellyn plans to continue to enforce the DuPage County Countywide Stormwater and Flood Plain Ordinance as well as our Village's additional requirements. Village staff will attend training workshops as offered by the DuPage County Water Quality Education Program to help insure the BMPs are regulated consistently. Continue to perform site plan reviews on a more stringent basis than the County and State requirements.

The Village will work to attend a workshop on BMP's, construction inspections or the ILR40 process.

F. POLLUTION PREVENTION/GOOD HOUSEKEEPING

Evaluate effectiveness of our current procedures and provide additional training to our staff. Dedicate time to the cleaning of our system in attempt to move our five-year cycle up to three years. Continue to hold at least one training workshop per year for Public Works employees on the subject of pollution prevention.

Discuss with staff the possibility of utilizing alternative deicing products.

Continue to coordinate with Environmental Commission to track quantities of recyclable material collected.

The Village will discuss how to track resident phone calls received regarding point source pollution.

SECTION E

The 40 co-permittees listed in the cover letter rely on DuPage County to satisfy some of their permit obligations as applicable.

The Village of Glen Ellyn, as a co-permittee with DuPage County, will continue to cooperate with County representatives with the goal of achieving real improvements to water quality. The Village relies on DuPage County to take the lead for Control Measures A, B, D, & E, while the Village must directly drive local efforts to meet Control Measures C & F. The Village will continue to assist DuPage County with implementation of all six Control Measures and utilize County resources for all six Control Measures

SECTION F

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

Village of Glen Ellyn Projects:

Location/Project Name	Category	Start Date – End Date
Lake Ellyn Improvements	Roadway	Fall 2015 – Spring 2017
Oak-Elm-Geneva Improvements	Roadway	Spring 2016-Spring 2017
Police Station Improvements	Site/Building	Summer 2016 – Fall 2017