



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, 2010 To March, 2011

Permit No. ILR40

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

Name: Village of Downers Grove Mailing Address 1: 801 Burlington Avenue
Mailing Address 2: _____ County: DuPage
City: Downers Grove State: IL Zip: 60515 Telephone: 630-434-5941
Contact Person: Michael D. Millette, P.E. Email Address: mmillette@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 Unincorporated DuPage County

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))

Michael D. Millette
Owner Signature

Michael D. Millette
Printed Name:

5/27/11

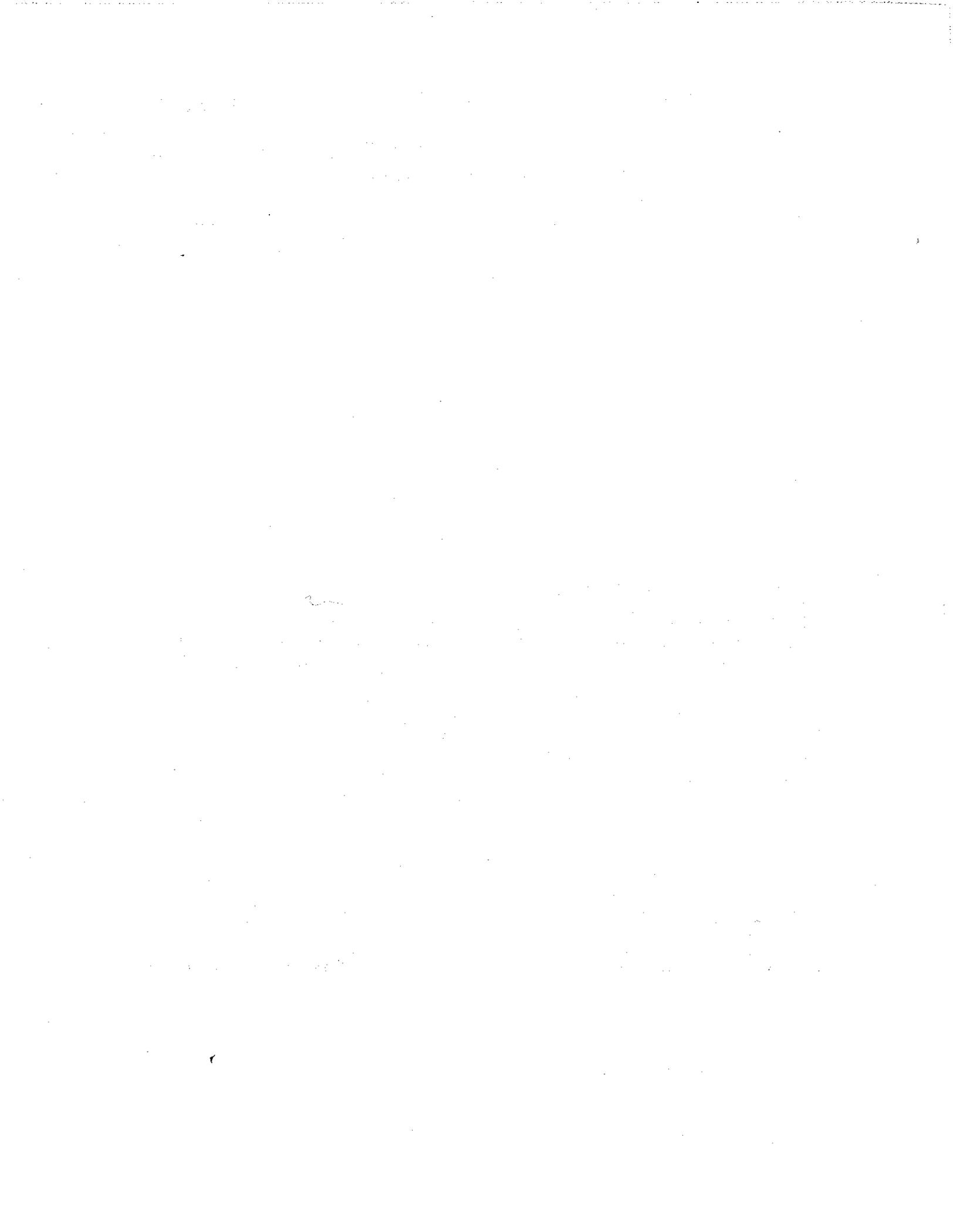
Date:

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.



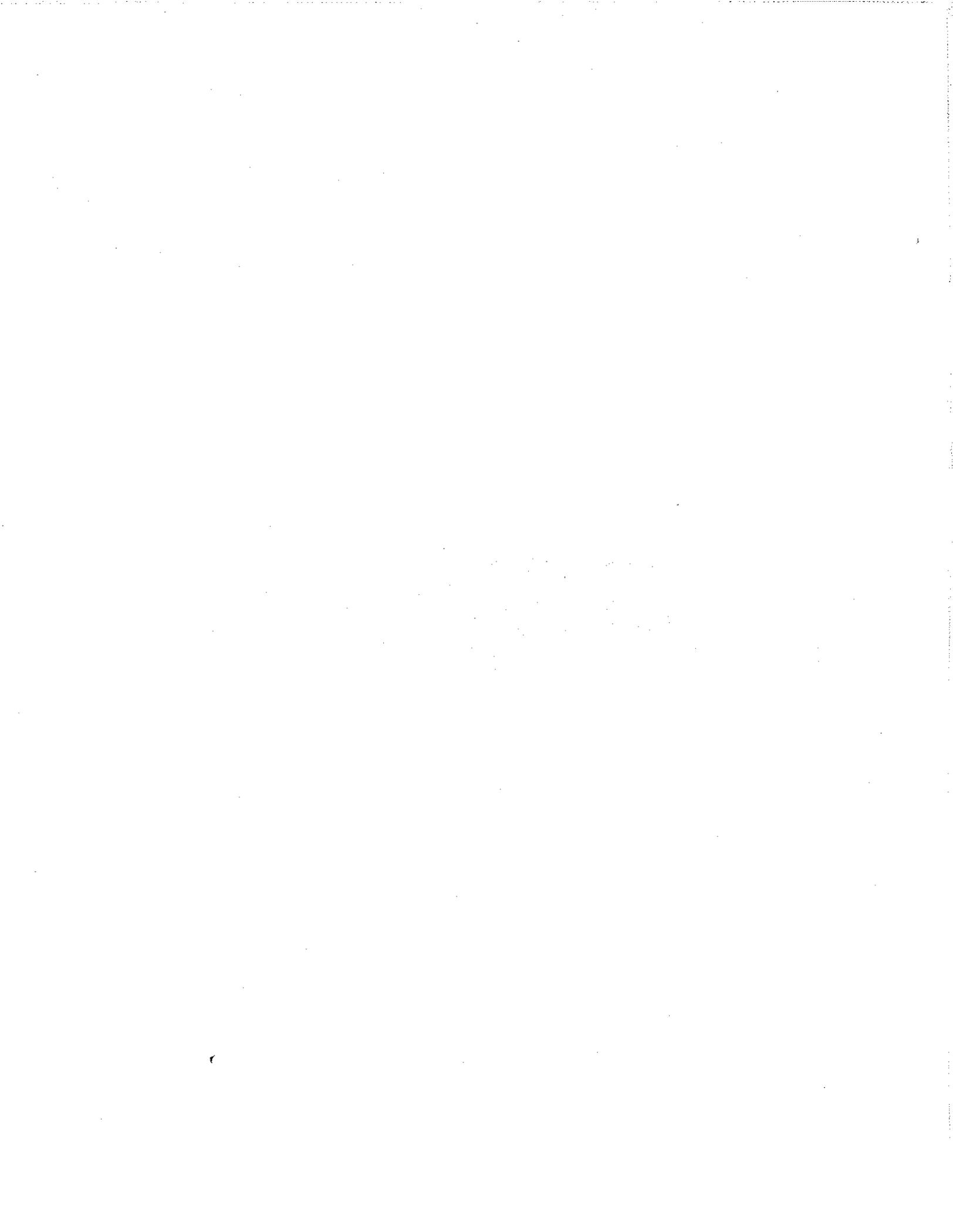
May 27, 2011

This statement has been written in accordance with Part II.B.5 of ILR40, General NPDES Permit for Discharges from Small Municipal Separate Storm Sewer Systems.

The Village of Downers Grove has implemented necessary best management practices (BMPs) of the six minimum control measures, as specified in the annual report for permit year seven, submitted May 27, 2011. Following the reissuance of ILR40, The Village of Downers Grove continues to implement additional BMPs, detailed in the Notice of Intent (NOI) for General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4), dated July 31, 2013.

A handwritten signature in black ink, appearing to read "Michael D. Millette", written over a horizontal line.

Michael D. Millette, P.E.
Stormwater Administrator



**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.3 Public Service Announcement**
- **A.4 Community Event**
- **A.6 Other Public Education**

YEAR 3 MILESTONES:

- Continue to attend workshops on new and demonstration BMPs as well as new Ordinance requirements that may have been approved.
- Make additional stormwater information readily available to the public by adding it to the Village Website.
- Continue facilitating Rain Barrel sale for area residents.
- Create informational handouts to inform schools of storm drain stenciling and river sweep volunteer opportunities.

COMPLETED TASKS IN YEAR 2:

■ **A.1 Distributed Paper Material**

- Upon request, the Village will distribute aerial maps showing approximate floodway and floodplain limits as well as any local storm sewer infrastructure. This information is also available for viewing on the Village Website.

■ **A.3 Public Service Announcement**

- A 22 minute video entitled “After the Storm” is shown on the local access channel. The program airs approximately 40-50 times annually. It discusses the “interconnections between water supply, water quality and the economic vitality and quality of life in our communities” and was co-produced by the EPA and the Weather Channel.
- A 30 second commercial entitled “Don’t Muddy the Waters” is shown on the local access channel. The commercial airs approximately 40-50 times annually. It briefly discusses the consequences of stormwater pollution.
- Reminders are periodically added to the Village’s weekly news update email eliciting help in occasionally clearing debris from storm sewer inlets.

■ **A.4 Community Event**

- Village Staff distributed stormwater information at annual Public Works Week Open House.

- The Village partnered with local merchants to hold an ongoing Rain Barrel sale.

■ **A.6 Other Public Education**

- The Village of Downers Grove continues to require storm sewer grates with integrated permanent label "DUMP NO WASTE - DRAINS TO RIVER" in new developments.
- The Village of Downers Grove Public Works Staff annually visits several area schools to showcase various equipment and responsibilities including those involving storm sewers.

B. Public Participation/Involvement

■ **B.3 Stakeholder Meeting**

■ **B.4 Public Hearing**

■ **B.6 Program Coordination**

YEAR 3 MILESTONES:

- Assist in the formal adoption process for Countywide Stormwater and Floodplain Control Ordinance and Technical Guidance revisions.
- Continue to attend monthly Municipal Engineers meetings at DuPage County.
- Continue to participate in the review of data to see if there are trends being established within the DuPage County watersheds.
- Continue to hold/attend Public Hearings for all variance requests from the local or DuPage County Stormwater Ordinances.

COMPLETED TASKS IN YEAR 2:

■ **B.3 Stakeholder Meeting**

- **IDDE Ordinance** – The Village has entered into an Intergovernmental Agreement with DuPage County for IDDE activities.
- **Municipal Engineers Group** – The Village has actively participated in the County's manual development process via DuPage County Municipal Engineers meetings.
- **DuPage River Salt Creek (DRSCW) TMDL Workgroup** – The Village is continuing its active participation in the general Workgroup and continues to maintain a staff member on the Workgroup's Chloride Subcommittee.

■ **B.4 Public Hearing**

- Four public meetings were held by the Village's Stormwater and Floodplain Oversight Committee regarding various stormwater issues.

■ **B.6 Program Coordination**

- As a member of the DuPage River Salt Creek Workgroup's Chloride Subcommittee, Village Staff assisted in creating two separate chloride reduction workshops for both private and public snow removal entities.

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**

YEAR 3 MILESTONES:

- Create a plan for Village Staff to periodically seek out illicit discharge locations.
- Evaluate possible funding sources for illicit discharge detection and elimination plan.
- Continue storm sewer mapping via GPS equipment.
- Notify the general public of illicit discharge regulations and provide contact information upon adoption of an Illicit Discharge Detection and Elimination ordinance.

COMPLETED TASKS IN YEAR 2:

■ **C.1 Storm Sewer Map Preparation**

- Completed additional mapping of Village storm sewer and incorporation into the Geographic Information System for easy accessibility by Village Staff.

■ **C.2 Regulatory Control Program**

- The Village has entered into an Intergovernmental Agreement with DuPage County for IDDE activities.

■ **C.3 Detection/Elimination Prioritization Plan**

- As an active member in the DuPage River Salt Creek Workgroup, Village Staff continually participates in the establishment and refinement of TMDL development – this work will enable the Village to more specifically focus illicit discharge detection efforts.

■ **C.4 Illicit Discharge Tracing Procedures**

- By increasing the amount of mapped storm sewer and incorporating it into the Geographic Information System, Village Staff will have increased ability to trace back illicit discharges to their source.

D. Construction Site Runoff Control

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

YEAR 3 MILESTONES:

- Continue to participate in creation of DuPage County Stormwater Ordinance revisions.
- Adopt DuPage County Stormwater Ordinance revisions and provide further review for potential revisions to the local ordinance that may be more stringent than that of the County ordinance.

- Further train Code Enforcement Officers in erosion and sediment control administration.

COMPLETED TASKS IN YEAR 2:

■ D.1 Regulatory Control Program

- The Village continued to proactively enforce erosion and sediment control standards through our permit review and code enforcement teams.

■ D.2 Erosion and Sediment Control BMPs

- Village Staff regularly performed research of publications for potential advances in industry standards regarding erosion and sediment control BMPs.

■ D.4 Site Plan Review Procedures

- Pre-permit site visits are now performed by a licensed professional engineer.

■ D.5 Public Information Handling Procedures

- The Village's informational packet entitled "Stormwater Permit Guide" (for single family residential development) was disseminated on multiple occasions, to provide general guidelines for area developers.
- Various resident requests for clarification of the local Stormwater Ordinance as it relates to erosion and sediment control are promptly answered.

■ D.6 Site Inspection/Enforcement Procedures

- Code Enforcement Officers have been trained to observe SWPP violations.
- Contact was made with four residents/developers regarding violations of the Stormwater Ordinance.

E. Post-Construction Runoff Control

■ 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

YEAR 3 MILESTONES:

- Continue to inspect private detention areas to ensure that all remain compliant with the Ordinance and their original design.
- Inspect all storm sewers within Village-owned facilities.
- Continue to participate in the DuPage River Salt Creek Workgroup Chloride Reduction Subcommittee to improve the quality and audience of the two annual chloride reduction workshops.

COMPLETED TASKS IN YEAR 2:

■ E.2 Regulatory Control Program

- As part of the stormwater permit review process, the Village continued to require private developers to design and install natural and manufactured structural BMPs for various development projects, in accordance with DuPage County Ordinance requirements.

■ **E.3 Long Term O&M Procedures**

- Village Staff continued using a newly-established a system for the inspection of private detention facilities throughout the Village.

■ **E.4 Pre-Construction Review of BMP Designs**

- Village Staff continued the partnership with an engineering consultant in reviewing pre-construction engineering plans to ensure the use of site-appropriate BMPs.

■ **E.5 Site Inspections During Construction**

- All active construction projects are visited weekly, at a minimum, by Code Enforcement officers and/or the Stormwater Administrator and at the request of local residents and additional Village Staff.

F. Pollution Prevention/Good Housekeeping

■ **F.1 Employee Training Program**

■ **F.2 Inspection/Maintenance Program**

■ **F.3 Muni Operations Storm. Control**

■ **F.5 Flood Management/Assessment Guidelines**

YEAR 3 MILESTONES:

- Continue to pursue both in-house and out-of-house training opportunities.
- Increase the amount of ditches improved, storm sewers jetted, inlets cleaned and length of creeks inspected and cleared of debris.
- Continue to investigate flood-prone property buy-outs to mitigate repetitive loss problems.
- Continue to participate in the National Flood Insurance Program's Community Rating System.
- Develop a standard operating procedure for Stream Maintenance throughout the Village.

COMPLETED TASKS IN YEAR 2:

■ **F.1 Employee Training Program**

- The following training seminars were attended by Village engineering staff:
 - APWA Certified Stormwater Manager webinar (3 sessions)
 - 2011 IAFSM Annual Conference – Illinois Association for Floodplain and Stormwater Management

■ **F.2 Inspection/Maintenance Program**

- Continued transition from paper and digital raster storm sewer atlas to digital vector (GIS) storm sewer atlas, which is part of the development of a customized stormwater detention facility atlas designed to facilitate efficient maintenance in routine and emergency situations.
- Continued the use of pre-wetting sodium chloride with liquid calcium chloride to reduce waste.
- Continued the use of anti-icing acetate compound in very limited areas.

■ **F.3 Muni Operations Storm Water Control**

- Over 20,000 ft of storm sewer cleaned and televised
- Over 200 catch basins/manholes/inlets cleaned
- Over 10,000 ft of roadside ditch improvements
- 2,416 miles of curb cleaned

■ **F.5 Flood Management/Assessment Guidelines**

- The Village of Downers Grove continues to regulate local flood zones that are not designated on FEMA maps. These local flood-prone areas, called “Localized Poor Drainage Areas (LPDAs)” are under continual study to improve accuracy of flood elevations and boundaries.

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

- *Refer to DuPage County annual 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 3 (as stated in the County and Village NOIs with minor adjustments). The Village will assist the County as requested within Village Council policy and budget.

A. PUBLIC EDUCATION AND OUTREACH

- A.1 Make a greater amount of information available to the public via brochures in our lobbies.
- A.2 Continue to provide residents and developers about potential stormwater issues and associated regulations upon request.
- A.3 Acquire additional stormwater-related material to incorporate into our local access channel programming list.
- A.4 Continue to provide green-construction presentations that will provide benefits to the community as a whole.
- A.5 Add a greater quantity of educational information to the Village website on a real-time basis as it becomes available throughout the year.

B. PUBLIC PARTICIPATION/INVOLVEMENT

- B.3 Continue to conduct neighborhood meetings prior to capital improvement projects in order to address resident concern and feedback.
- B.4 Continue to hold public hearings for future variance requests involving the local Stormwater Ordinance.
- B.5 Continue to review DuPage River Salt Creek Workgroup monitoring results and utilize resources to help establish potential TMDL requirements.

C. ILLICIT DISCHARGE DETECTION/ELIMINATION

- C.1 Continue to map the remainder of storm sewer infrastructure and any new pipes/drain tiles that are encountered within the right of way.
- C.2 Continue to partner with DuPage County Staff for Illicit Discharge Detection and Elimination activities.
- C.3 Begin to identify locations that appear to have dry-weather discharges so that when an official ordinance is approved, prioritized testing locations will already be determined.
- C.4 Continue discussions with DuPage County Staff to determine the most efficient combination of resources to establish the illicit discharge source.

D. CONSTRUCTION SITE RUNOFF CONTROL

- D.1 Maintain attendance at municipal engineers meetings to help form the pending revisions to the DuPage County Stormwater Ordinance as it relates to development.
- D.2 Continue research of industry standards in order to incorporate potential advancements into our recommended development procedures.

- D.4** Perform detailed reviews of all submitted engineering plans both in-house and by the use of a consultant engineering firm.
- D.5** Address all resident concerns regarding area construction in a timely and efficient manner and continuing to provide access to (and explanation of) the local Stormwater Ordinance on the Village website.
- D.6** Village Staff will proactively identify any visible ordinance violations involving runoff. These violations will be addressed and mitigated in a timely manner.

E. POST-CONSTRUCTION RUNOFF CONTROL

- E.1** Increase the amount of Cost Share Projects that are completed in order to better manage large amounts of runoff within private residential areas.
- E.2** Make better use of consultant and DuPage County Staff members to establish minimum design requirements for future development projects.
- E.3** Review and modify the Stormwater Maintenance Task List in order to utilize a more realistic approach and schedule.
- E.4** Continue to utilize all available resources to review and recommend the most site-appropriate BMPs within new developments.
- E.5** Establish a minimum amount of site inspections, per development permit, to be performed during the construction process.

F. POLLUTION PREVENTION/GOOD HOUSEKEEPING

- F.1** Increase the quantity of staff members that experience stormwater.
- F.2** Perform at least ten inspections of private detention basins to verify compliance with the Stormwater Ordinance and the original design standards.
- F.3** Fully develop a list of Village-owned facilities and establish an appropriate schedule for inspection and potentially required maintenance.
- F.5** Establish a minimum of one additional capital improvement project that involves water quality and flood management.

SECTION E: Attach notice that you are relying on another government entity to satisfy some of your permit obligations

The Village of Downers Grove, 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 6 Control Measures and utilize County resources for all 6 Control Measures.

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

Location/Project Name	Category*	Start Date – End Date
Prentiss Creek Sub B Improvements	Construct Detention and New Storm Sewer	4/09-11/10
St. Joseph Creek North Branch Sub E Improvements	Construct Detention and New Storm Sewer	4/09-10/10
8th & Cumnor Stormwater Improvement	Construct Detention and New Storm Sewer	7/10-11/10
Benton Avenue Stormwater Improvement	Construct Detention and New Storm Sewer	6/10-10/10
Lacey Creek Streambank Stabilization	Streambank Maintenance / Stabilization	10/10-present

*Drainage, Sanitary Sewer, Streambank Maintenance/Stabilization, Water Quality, Wetland Banking, etc.