



Illinois Environmental Protection Agency

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

Notice of Intent for New or Renewal of General Permit for Discharges from Small Municipal Separate Storm Sewer Systems - MS4's

Part I. General Information

1. MS 4 Operator Name: Village of Downers Grove

2. MS4 Mailing Address: 5101 Walnut Avenue

City: Downers Grove State: IL

3. Operator Type: Village Other: _____

4. Operator Status: Local Other: _____

5. Name(s) of governmental entity(ies) in which MS4 is located:

Village of Downers Grove Unincorporated DuPage County

6. Area of land that drains to your MS4 in square miles: 14.5 square miles

7. Latitude and Longitude at approximate geographical center of MS4 for which you are requesting authorization to discharge:

Latitude:			Longitude:		
<u>41</u>	<u>48</u>	<u>32</u>	<u>88</u>	<u>00</u>	<u>39</u>
Degrees	Minutes:	Seconds:	Degrees:	Minutes:	Seconds:

8. Name(s) of known receiving waters

Saint Joseph's Creek North Branch Saint Joseph's Creek South Branch

Lacey Creek Prentiss Creek

Oak Creek Ward's Creek

Ginger Creek DuPage River, East Branch

9. Persons responsible for implementation or coordination of Stormwater Management Program:

Name: Karen Daulton Lange Title: Stormwater Administrator Phone: 630-434-5489

Area of Responsibility: Entire Program

Name: _____ Title: _____ Phone: _____

Area of Responsibility: _____

Part II. Best Management Practices (include shared responsibilities) which have been implemented or are proposed to be implemented in the MS4 area:

A. Public Education and Outreach

Qualifying Local Programs:

Measurable Goals (include shared responsibilities)

- A.1 Distributed Paper Material

Brief Description of BMP:

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

Measurable Goals, including frequencies:

The Village regularly participates in the Municipal Engineers Group and makes various brochures and fact sheets from various sources available to the public in take-away racks at Village Hall and the Public Works Facility.

Milestones:

Go to Additional Pages

Year 1:

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.

Year 2:

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.

Year 3:

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.

Year 4:

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.

Year 5:

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.

- A.2 Speaking Engagement

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

Measurable Goals, including frequencies:

Continually encourage staff to give presentations about stormwater issues to the Village Council and at special events.

Milestones:

Year 1:

Encourage staff participation in speaking engagement opportunities.

Year 2:

Encourage staff participation in speaking engagement opportunities.

Year 3:

Encourage staff participation in speaking engagement opportunities.

Year 4:

Encourage staff participation in speaking engagement opportunities.

Year 5:

Encourage staff participation in speaking engagement opportunities.

Go to Additional Pages

- 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.

Measurable Goals, including frequencies:

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

Milestones:

Year 1:

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.

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.

Year 3:

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.

Year 4:

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.

Year 5:

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.

Go to Additional Pages

A.4 Community Event

Brief Description of BMP:

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

Measurable Goals, including frequencies:

Annually hold a community event that pertains to stormwater management and provide information to residents.

Milestones:

Year 1:

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

Year 2:

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

Year 3:

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

Year 4:

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

Year 5:

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

Go to Additional Pages

A.5 Classroom Education Material (You may need to go to the next page to fill in this information)

Brief Description of BMP:

DuPage County is acting as qualified local provider.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Year 2:

Year 3:

Year 4:

Year 5:

Go to Additional Pages

A.6 Other Public Education (You may need to go to the next page to fill in this information)

Brief Description of BMP:

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

Measurable Goals, including frequencies:

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

Milestones:

Year 1:

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

Year 2:

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

Year 3:

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

Year 4:

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

Year 5:

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

Go to Additional Pages

B. Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

[Empty box for Qualifying Local Programs]

Brief Description of BMP:

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

Measurable Goals, including frequencies:

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

Milestones:

Year 1:

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

Year 2:

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

Year 3:

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

Year 4:

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

Year 5:

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

Go to Additional Pages

B.2 Educational Volunteer

B.3 Stakeholder Meeting (You may need to go to the next page to fill in this information)

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.

Measurable Goals, including frequencies:

Actively participate in stakeholder group meetings related to stormwater management and water quality.

Milestones:

Year 1:

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

Year 2:

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

Year 3:

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

Year 4:

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

Year 5:

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

Go to Additional Pages

B.4 Public Hearing (You may need to go to the next page to fill in this information)

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.

Measurable Goals, including frequencies:

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 1:

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.

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.

Year 3:

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.

Year 4:

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.

Year 5:

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.

Go to Additional Pages

B.5 Volunteer Monitoring (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Volunteer monitoring provides an opportunity for an interested person become involved in the collection of water quality data. The collected data can be used to identify impairments to a water body and help develop proposed water quality improvement projects. As a member of the DuPage River Salt Creek Workgroup, Village staff participates in monitoring projects.

Measurable Goals, including frequencies:

Annually participate in monitoring projects.

Milestones:

Year 1:

Continue support for volunteer monitoring opportunities.

Year 2:

Continue support for volunteer monitoring opportunities.

Year 3:

Continue support for volunteer monitoring opportunities.

Year 4:

Continue support for volunteer monitoring opportunities.

Year 5:

Continue support for volunteer monitoring opportunities.

Go to Additional Pages

B.6. Program Involvement (You may need to go to the next page to fill in this information)

Brief Description of BMP:

B.6/B.7. DuPage County is acting as qualified local provider.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Year 2:

Year 3:

Year 4:

Year 5:

Go to Additional
Pages

B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

Measurable Goals (include shared responsibilities)

- C.1 Sewer Map Preparation (You may need to go to the next page to fill in this information)

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 system map is substantially complete, showing all Village owned infrastructure.

Measurable Goals, including frequencies:

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

Milestones:

Year 1:

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

Year 2:

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

Year 3:

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

Year 4:

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

Year 5:

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

[Go to Additional Pages](#)

- C.2 Regulatory Control Program (You may need to go to the next page to fill in this information)

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

Measurable Goals, including frequencies:

Ensure corrective action is taken whenever illicit discharges are detected.

Milestones:

Year 1:

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

Year 2:

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

Year 3:

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

Year 4:

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

Year 5:

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

Go to Additional Pages

- C.3 Detection/Elimination Prioritization Plan (You may need to go to the next page to fill in this information)

Brief Description of BMP:

C.3/C.5/C.7/C.8 DuPage County is acting as qualified local provider.

Measurable Goals, including frequencies:

Milestones:

Year 1:

Year 2:

Year 3:

Year 4:

Year 5:

Go to Additional Pages

- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation and 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

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

- D.1 Regulatory Control Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

D.1/D.2/D.4/D.5/D.6 - Construction Site Stormwater Runoff Control. 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.

Measurable Goals, including frequencies:

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 1:

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.

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.

Year 3:

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.

Year 4:

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.

Year 5:

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.

Go to Additional Pages

- D.2 Erosion and Sediment Control BMPs
- D.3 Other Waste Control Program
- D.4 Site Plan Review Procedures
- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures
- D.7 Other Construction Site Runoff Controls

E. Post-Construction Runoff Control

Qualifying Local Programs:

[Empty box for Qualifying Local Programs]

Measurable Goals (include shared responsibilities)

- E.1 Community Control Strategy
- E.2 Regulatory Control Program

Brief Description of BMP:

E.2/E.3/E.4/E.5/E.6 - Post-Construction Stormwater Management. 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 inspects sites during and after construction.

Measurable Goals, including frequencies:

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.

Milestones:

Year 1:

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.

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.

Year 3:

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.

Year 4:

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.

Year 5:

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.

Go to Additional Pages

- 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

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

[Empty box for Qualifying Local Programs]

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.

Measurable Goals, including frequencies:

Annually train Village staff regarding stormwater management and stormwater pollution prevention.

Milestones:

Year 1:

Continue organizing training sessions and making sessions available to staff.

Year 2:

Continue organizing training sessions and making sessions available to staff.

Year 3:

Continue organizing training sessions and making sessions available to staff.

Year 4:

Continue organizing training sessions and making sessions available to staff.

Year 5:

Continue organizing training sessions and making sessions available to staff.

Go to Additional Pages

Brief Description of BMP:

The Village implements an operation and maintenance program designed to prevent or reduce the discharge of pollutants from the storm sewer system. The Village's storm sewer system includes over 140 miles of ditches, 130 miles of storm sewer, over 7,000 drainage structures and 12 miles of creeks.

Measurable Goals, including frequencies:

Annually perform storm sewer system maintenance including: catch basin cleaning, repair or installation of drainage structures, cleaning and televising storm sewer, and regrading roadside ditches.

Milestones:

Year 1:

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

Year 2:

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

Year 3:

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

Year 4:

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

Year 5:

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

Go to Additional Pages

F.3 Municipal Operations Storm Water Control (You may need to go to the next page to fill in this information)

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.

Measurable Goals, including frequencies:

Maintain and wash the Public Works Department fleet in the Public Works garage, where floor drains are tributary to triple traps prior to discharging to the sanitary sewer system. Store road salt and other materials in covered shelters to minimize exposure to rainfall. Clean-up lubricant and oil spills resulting from equipment maintenance using oil absorbing compounds, rather than hosing down spill areas. Contract with Downers Grove Sanitary District for proper disposal of waste and vehicle fluids.

Milestones:

Year 1:

Continue implementation of appropriate practices to prevent the discharge of pollutants resulting from municipal operations.

Year 2:

Continue implementation of appropriate practices to prevent the discharge of pollutants resulting from municipal operations.

Year 3:

Continue implementation of appropriate practices to prevent the discharge of pollutants resulting from municipal operations.

Year 4:

Continue implementation of appropriate practices to prevent the discharge of pollutants resulting from municipal operations.

Year 5:

Continue implementation of appropriate practices to prevent the discharge of pollutants resulting from municipal operations.

Go to Additional Pages

F.4 Municipal Operations Waste Disposal

F.5 Flood Management/Assess Guidelines (You may need to go to the next page to fill in this information)

Brief Description of BMP:

The Village adopted a Watershed Infrastructure Improvement Plan in September, 2007. The study presented specific solutions for each major watershed in the Village. The first phase of implementation was increasing maintenance, the second phase was accessing the infrastructure, and the last phase is construction of recommended infrastructure improvements. 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 in Year 10 (2013) will help the Village construct infrastructure improvements necessary to reduce flooding. The Village continues to participate in the Community Rating System and currently has a rating of 7.

Measurable Goals, including frequencies:

Work towards implementing the high priority projects identified in the Watershed Infrastructure Improvement Plan and participate in the National Flood Insurance Program's Community Rating System.

Milestones:

Year 1:

Continue to implement high priority projects identified in the Watershed Infrastructure Improvement Plan and participation in the National Flood Insurance Program's Community Rating System.

Year 2:

Continue to implement high priority projects identified in the Watershed Infrastructure Improvement Plan and participation in the National Flood Insurance Program's Community Rating System.

Year 3:

Continue to implement high priority projects identified in the Watershed Infrastructure Improvement Plan and participation in the National Flood Insurance Program's Community Rating System.

Year 4:

Continue to implement high priority projects identified in the Watershed Infrastructure Improvement Plan and participation in the National Flood Insurance Program's Community Rating System.

Year 5:

Continue to implement high priority projects identified in the Watershed Infrastructure Improvement Plan and participation in the National Flood Insurance Program's Community Rating System.

Go to Additional Pages

F.6 Other Municipal Operations Controls

Part III. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment.

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)).

Karen Daulton Lange, P.E., CFM

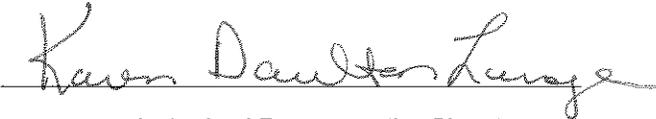
Stormwater Administrator

September 27, 2013

Authorized Representative Name

Title

Date



Authorized Representative Signature

You may complete this form online and save a copy locally before printing and signing the form. It should then be sent to:

Illinois Environmental Protection Agency
Bureau of Water
Division of Water Pollution Control
Attn: Permit Section
P.O. Box 19276
1021 North Grand Avenue East
Springfield, IL 62794-9276