

**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**

YEAR 6 MILESTONES:

- Assist the County in developing a Corporate Stormwater Program through a consortium of public and private agencies that will reward businesses in DuPage County for their environmental stewardship on corporate campuses.
- 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.
- Create informational handouts to inform schools of storm drain stenciling and river sweep volunteer opportunities.

COMPLETED TASKS IN YEAR 5:

■ **A.1 DISTRIBUTED PAPER MATERIALS**

- **Stormwater Master Plan** - The Village of Downers Grove contracted with a consultant to perform a comprehensive analysis and plan for community drainage issues and natural water resources. The report addresses wetlands, riparian environments, streambank stabilization, water quality treatment design, maintenance, and other specific aspects of NPDES and TMDL requirements. The complete form is available on the Village web site.

■ **A.2 SPEAKING ENGAGEMENT**

- Village Staff made a presentation at the 2009 Illinois Association of Floodplain and Stormwater Management Conference regarding the Downers Grove Watershed Infrastructure Improvement Plan.

■ **A.3 PUBLIC SERVICE ANNOUNCEMENT**

- **Storm Drain Stenciling Program** - Cooperated with Whittier School Group and The Conservation Foundation to clean and stencil numerous inlets.

- 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.

■ **A.4 COMMUNITY EVENTS**

- Distributed stormwater information at annual Public Works Week Open House.

■ **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.

B. Public Participation/Involvement

■ **B.3 Stakeholder Meeting**

■ **B.4 Public Hearing**

■ **B.5 Volunteer Monitoring**

■ **B.3 Stakeholder Meeting**

YEAR 6 MILESTONES:

- Assist in the formal adoption process for any Ordinance and Technical Guidance revisions. Present pollution prevention and illicit discharge detection and elimination program/procedures to the DuPage County Stormwater Management Committee and DuPage Mayors and Managers Conference as necessary for comment responses. *The Village of Downers Grove participates monthly in the Municipal Engineers meetings.*

COMPLETED TASKS IN YEAR 5:

- **IDDE Ordinance** – The Village of Downers Grove has actively participated in the County’s manual development process via DuPage County Municipal Engineers meetings and direct communication with the County staff and engineering consultants.
- **DuPage River Salt Creek (DRSCW) TMDL Workgroup** – The Village of Downers Grove is continuing its active participation in the Workgroup. The Village has earmarked funds in its budget for this key group.

■ **B.4 Public Hearing**

YEAR 6 MILESTONES:

- Participate in or assist in public hearings for possible DuPage County Stormwater Management Plan Appendix updates as needed.

COMPLETED TASKS IN YEAR 5:

- Two public hearings were held by the Village regarding potential variances to the DuPage County Countywide Stormwater and Floodplain Ordinance.

■ **B.5 Volunteer Monitoring**

YEAR 6 MILESTONES:

- Participate in the review of data to see if there are trends being established for the watersheds in DuPage County that will indicate potential new sites for monitoring or that more intensive monitoring needs to take place at a given site.
- Continue to help coordinate volunteers participating in the DuPage River Sweep.
- Investigate the local university's ability to provide monitoring/research assistance.

COMPLETED TASKS IN YEAR 5:

- As an active member of the DuPage River Salt Creek Workgroup, the Village has contributed to the rigorous monitoring programs for dissolved oxygen monitoring and biological assessments.
- Helped coordinate a DuPage River Sweep outing which resulted in the removal of sixteen 55-gallon bags full of debris.

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**

YEAR 6 MILESTONES:

- With database of all known storm sewer outfalls determined, develop the monitoring program utilizing water quality information from other agencies that will establish a prioritization plan for detection and elimination efforts. Evaluate possible funding sources for detection and elimination plan.
- Continue to engage in discussions with DuPage County Staff regarding the adoption of a new Illicit Discharge Detection and Elimination ordinance.

COMPLETED TASKS IN YEAR 5:

- **Storm Sewer Outfall Mapping Project** - As the Village had previously completed a digital GIS map of known creek outfalls, the Village continued to progress towards re-mapping the entire municipal storm sewer system to increase accuracy over the previous atlas. The Village is also cooperating with DuPage County to share storm sewer information obtained by GPS and other methods. The Village also continued to locate and map previously unmapped older storm sewer systems.

- **DuPage River Salt Creek (DRSCW) TMDL Workgroup** - Actively participated in regular Workgroup meetings (note that the Village also actively cooperates with the Downers Grove Sanitary District, a founding member of the Workgroup). The Workgroup's efforts are expected to facilitate further TMDL development and refinement, thereby enabling the Village to better plan illicit discharge detection efforts.
- **DuPage County Municipal Engineers** - Actively worked with DuPage County via Municipal Engineers Workgroup meetings to continue development of countywide ordinance revisions needed for NPDES programs.

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 6 MILESTONES:

- Participate in adopting possible Ordinance revisions.
- Participate in County workshops (if applicable).
- Additional Village Staff will acquire Certification as a Professional in Erosion and Sediment Control.
- Investigate the effectiveness of silt fence as sediment and erosion control for single family residential developments.

COMPLETED TASKS IN YEAR 5:

- The Village continued to proactively enforce sedimentation and erosion control standards through our permit review and code enforcement teams. The Village and County regularly cooperate to share violation information in the general Downers Grove area (both incorporated and unincorporated).
- A member of our Village Engineering Staff acquired certification as a Professional in Erosion and Sediment Control.

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**
- **E.6 Post-Construction Inspections**

YEAR 6 MILESTONES:

- Assist in the creation of a voluntary "Corporate Stormwater Program" through the DuPage County Water Quality Education program that will reward businesses in DuPage County for their environmental stewardship on corporate campuses such as retrofitting

stormwater detention basins, naturalizing basins or conveyance swales, and the reduction and/or modification of herbicide and pesticide application.

- Develop a plan to begin inspecting private detention areas to ensure that all remain compliant with the Ordinance.
- Inspect all storm sewers within Village-owned facilities.

COMPLETED TASKS IN YEAR 5:

- As part of the stormwater permit review process, the Village of Downers Grove continued to require private developers to design and install natural and manufactured structural BMPs for various development projects. Examples of methods designed and / or constructed to date include the following: infiltration trench, dry well, sedimentation basin, Stormceptor, VortSentry, Catch-All, and Hancor water quality units.

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**

F.1 Employee Training Program

YEAR 6 MILESTONES:

- Continue to pursue both in-house and out-of-house training opportunities.

COMPLETED TASKS IN YEAR 5:

- The Village of Downers Grove has identified community-specific processes that have the potential to negatively impact stormwater discharges and continued discussions with field managers on how to address potential water quality control concerns for the following processes:
 - Deicing chemicals applied to roadways
 - Washing of salt trucks
 - Deicing blocked culverts
 - Street sweeping and decanting
 - Storm sewer jetting / cleaning
 - Disposal of excavated material
 - Storage at transfer site
 - Soil sedimentation and erosion control for construction / ditching
 - Repair of water main breaks
 - Hydrant flushing
 - Test flow of water wells / pumps
- The following training seminars were attended by village engineering staff:
 - DuPage County – Water Quality – Best Management Practices Seminar (7/11/08)
 - Stormwater USA – Training Program to become a Certified Compliance Inspector of Stormwater
 - DuPage County – Good Housekeeping and Pollution Prevention Seminar (9/12/08)

- Certified Profession in Erosion and Sediment Control Review Course (11/18/08)
- US EPA Webcast – Tools and Guidance for Developing Your Post-Construction Stormwater (9/3/08)
- US EPA Webcast – The Art & Science of Stormwater Retrofitting (4/9/08)

F.2 Inspection/Maintenance Program

YEAR 6 MILESTONES:

- Provide facilities with revised procedures and guidelines, if needed. Continue coordination with employee training. Facilities will submit records of pollution prevention and good housekeeping activities for annual reporting.

COMPLETED TASKS IN YEAR 5:

- 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 use of pre-wetting sodium chloride with liquid calcium chloride to reduce waste.
- Continued use of anti-icing acetate compound in very limited areas.

F.3 Muni Operations Storm Water Control

YEAR 6 MILESTONES:

- Increase the amount of ditches improved, storm sewers jetted, inlets cleaned and length of creeks inspected and cleared of debris.

COMPLETED TASKS IN YEAR 5:

- 51,742 ft of storm sewer cleaned
- 577 catch basins/manholes/inlets cleaned
- 40,636 ft of storm sewer televised
- 16,000 ft of roadside ditch improvements
- 1,100 ft of streambanks cleaned
- 2,416 miles of curb cleaned

F.5 Flood Management/Assessment Guidelines

YEAR 6 MILESTONES:

- Review current schedule, status, and funding for ongoing and proposed flood control projects.
- 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.

COMPLETED TASKS IN YEAR 5:

- The Village of Downers Grove continues to regulate local flood zones that are not designated on FEMA maps. These local flood-prone areas, defined as “Localized Poor Drainage Areas (LPDAs)” are under continual study to improve accuracy of flood elevations and boundaries.
- Additional Village Engineering Staff received Certification as a Floodplain Manager.

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

- *Refer to DuPage 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 6 (as stated in the County and Village NOIs). The Village will assist the County as requested within Village Council policy and budget.

A. PUBLIC EDUCATION AND OUTREACH

- 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. This will be done on a real-time basis as new information is sought out and becomes available throughout the year.
- Create informational handouts to inform schools of storm drain stenciling and river sweep volunteer opportunities.

B. PUBLIC PARTICIPATION/INVOLVEMENT

- Conduct public hearings for possible DuPage County Stormwater Management Plan Appendix updates as needed.
- Assist as needed in evaluating DuPage County program and data to see how it correlates to the other efforts being implemented through the NPDES Phase II.
- Investigate the local university's ability to provide monitoring/research assistance.

C. ILLICIT DISCHARGE DETECTION/ELIMINATION

- Incorporate illicit discharge information into education program for industrial and homeowner target audiences.
- Continue to engage in discussions with DuPage County Staff regarding the adoption of a new Illicit Discharge Detection and Elimination ordinance.

D. CONSTRUCTION SITE RUNOFF CONTROL

- Additional staff will obtain certification as a Professional in Erosion and Sediment Control.
- Investigate the effectiveness of silt fence as sediment and erosion control for single family residential developments.

E. POST-CONSTRUCTION RUNOFF CONTROL

- Assist as needed DuPage County and the Water Quality Stakeholder committee and Municipal Engineers group to evaluate problematic areas of the post construction BMPs being utilized in DuPage County and make recommendations where necessary.
- Develop a plan to begin inspecting private detention areas to ensure that all remain compliant with the Ordinance.
- Inspect all storm sewers within Village-owned facilities.

F. POLLUTION PREVENTION/GOOD HOUSEKEEPING

- Facilities will submit record keeping of pollution prevention and housekeeping activities for annual reporting. Coordinate with employee training to incorporate any revisions into pollution prevention and good housekeeping procedures and guidelines. Coordinate with County program.
- Continue to pursue both in-house and out-of-house training opportunities.
- Continue assisting County where necessary in watershed plans, models, and FIRM map updates.

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
Lacey Creek Stormwater Pipe Maintenance	Storm sewer maintenance	10/08-present
Maple Ave/Carpenter St Stormwater Improvement	Storm sewer replacement/ streambank maintenance	4/08-3/09
St. Joseph’s Creek Stormwater Pipe Improvement	Streambank maintenance	4/08-3/09
Fairmount Avenue Stormwater Improvement	Storm sewer replacement/ streambank maintenance	6/08-3/09
Parrish Court Drainage Improvements	Storm sewer replacement	10/08-12/08
Venard Rd/Acorn Ave Stormwater Improvements	Storm sewer replacement	10/08-12/08
Barneswood Dr Stormwater Improvement	Storm sewer replacement	10/08-12/08
Dunham Pl Stormwater Improvement	Storm sewer replacement	8/08-10/08
2008 Pavement Improvements	Culvert replacement	7/08-10/08

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