

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. See DuPage County's Annual Report for the Village's participation in qualifying local programs that were implemented countywide.

Best Management Practices:

BMP No. A1-Distributed Paper Material, A2-Speaking Engagement, A3-Public Service Announcement, A4-Community Event, A5-Classroom Education Material.

Measurable Goal(s), including frequencies: The County of DuPage has developed a general education and outreach program in which we participate as stated above that encompasses storm water and water quality efforts that will target several large groups of stakeholders within the watershed such as: youths, technical audiences, landowners, and recreational users. This program has the goals of: increasing the awareness and appreciation of a watershed community that will result in a lasting change in behavior; show how the protection and enhancement of the quality, quantity, and availability of surface and groundwater resources will preserve and enhance the health of existing aquatic and riparian environments as well as the quality of life; and establish the necessary resources to support the development and distribution of educational materials throughout the County of DuPage.

Year 1 Milestones: As the County updates and expands its website to make all water quality, stormwater and permit information available we will provide a link to that site within our own website; when the County develops newsletters and fact sheets on how the public can reduce storm water pollution we will incorporate them into our own offerings; and we will participate in a workshop that will discuss new best management practice installation, maintenance, and/or selection (for appropriate audiences, i.e. engineers, city planners, consultants, or developers).

Completed tasks in Year 1: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Published the following Correspondent News articles:
 - *Minding Your Curbside Manners* – Article dealing with blowing refuse.
 - *Watering Restrictions* – Article educating residents on the laws and importance of outdoor watering restrictions.
 - *Earth Day Events* – Article on the various activities taking place locally on Earth Day.

- *Leaf Disposal News* – Article on the proper disposal of leaf waste.
- *Mobile Household Hazardous Waste Collection Event* – Article on where to safely dispose of household hazardous wastes.
- *Storm Water Management Program* – Article on how the Village views storm water as a resource and what is being done to address the quantitative as well as the qualitative aspects of storm water runoff.
- *Medical Sharps Disposal By Mail Program* – Article on how to properly dispose of medical wastes.
- Prepared News Releases that included:
 - *Mobile Household Hazardous Waste Collection Event*
 - *Annual Earth Day Recycling Event*
- Published a Village Happenings newsletter on *IEPA Hosts Household Hazardous Waste Collection*.
- Two news articles ran in the local newspaper: *Keeping the Community Clean Throughout the Year* and *A New Solution to an Old Problem*.
- Participated in a video production by the Conservation Foundation on the importance of environmental groups working with municipalities on storm water pollution control.
- Researched and provided numerous articles on storm water quality and funding to the Storm Water Committee.
- Attend a seminar on storm water funding entitled *Stormwater Utilities - A Way to Meet NPDES Phase II Challenges*.
- Civil Engineer II attended a seminar on *TBG TR-20* and on *Refresher Training for DuPage County County Wide Storm Water and Flood Plain Ordinance* (Ordinance).
- Developed a comprehensive Stream Bank & Shoreline Education Program.
- Distributed two Village produced educational brochures: *Pond Shoreline Restoration Program* and *Living Along A Shoreline Or Stream Bank – How The Village Maintains These Valuable Areas & What You Can Do To Help*.

BMP No. B.3-Stakeholder Meeting

Measurable Goal(s), including frequencies: The municipal engineers and water quality stakeholder committee will meet on a regular basis to review and discuss program development as it pertains to Appendix J of the DuPage County Stormwater Management Plan and the Federal Mandates such as the NPDES Phase II and TMDLs. This may include ordinance, best management practice, water quality or other relevant discussions. The committee will evaluate the most efficient and practicable methods of meeting the six minimum control measures

of the NPDES Phase II by developing Local Qualifying Programs and overseeing their implementation.

Year 1 Milestones: Participate in Water Quality Stakeholder Committee or Municipal Engineers monthly meetings to begin program discussion and development of an illicit discharge detection and elimination and pollution prevention program/procedures with both groups of stakeholders and municipal engineers.

Completed tasks in Year 1: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Both the Assistant Village Engineer and Civil Engineer II attended the Municipal Engineers monthly meetings whereas the Village Engineer attended the Storm Water Quality Stakeholder Committee monthly meetings.
- Provided technical assistance to the Storm Water Quality Stakeholder Committee.

BMP No. B.4-Public Hearing

Measurable Goal(s), including frequencies: As new updates to the DuPage County Stormwater Management Plan are developed there will continue to be public hearings in which the public will have an opportunity to voice their comments and suggestions.

Year 1 Milestones: Participate in or assist in public hearings for possible DuPage County Stormwater Management Plan Appendix updates as needed.

Completed tasks in Year 1: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Held a public hearing on a variance to the Ordinance for the purposes of allowing a fee-in-lieu of detention.
- Revised our design manual to allow 3:1 side slopes when detention/retention ponds are designed with wetlands and native prairie buffers.

BMP No. B.5-Volunteer Monitoring

Measurable Goal(s), including frequencies: The volunteer monitoring group will select appropriate sites in all impaired watersheds throughout DuPage County and conduct training through The Conservation Foundation and Chicago

Wilderness to make data available through the IDNR INRIN database. This database may be used to draw correlations and trends on the improvements to the impaired watersheds in DuPage County.

Year 1 Milestones: Assist the County and working group if necessary to formalize the volunteer monitoring group. Assist in advertising for recruitment.

Completed tasks in Year 1: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Conducted our annual Shoreline Clean Up Program where over 90 volunteers removed 1,500 pounds of trash from 5 miles of shorelines and stream banks.
- Conducted our annual Adopt-A-Highway Program where 84 individuals cleaned 6 miles of road parkways.

BMP No. 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 and Assessment.

Measurable Goal(s), including frequencies: Develop illicit discharge detection and elimination procedures with the above working group that will map all storm sewer outfalls; determine proper procedures to detect illicit discharges as well as procedures for elimination of discharges; possible inclusion in ordinances (where appropriate) to prohibit non-storm water discharges into the storm sewer system and have appropriate enforcement procedures; and evaluation of monitoring procedures.

Year 1 Milestones: Participate in procedural development with the municipal engineers, Mayors and Managers Conference, and the water quality stakeholder committee (working group).

Completed tasks in Year 1: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Completed a GIS Study that included an element for remapping storm sewer outfalls as well as the entire storm sewer system. The future project will involve accurately locating storm sewer structures using a global positioning system (GPS).
- Purchased GPS equipment for the remapping of the storm sewer system.

BMP No. D.1-Regulatory Control Program, D.2-Erosion and Sediment Control BMPs, D.4-Site Plan Review Procedures, D.5-Public Information Handling Procedures, D.6-Site Inspection/Enforcement Procedures.

Measurable Goal(s), including frequencies: Review Appendix F and the accompanying Technical Guidance to see that erosion and sediment control best management practices reflect the most current technology available to reduce sediment from leaving the construction site to the maximum extent practicable and that water quality objectives are being represented in construction site runoff controls.

Year 1 Milestones: Participate in reviewing Appendix F and Technical Guidance through the DuPage County Water Quality Stakeholder Committee and/or Municipal Engineers Group for water quality representation and sediment and erosion control BMP technology updates.

Completed tasks in Year 1: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Performed at least 6 inspections of all sites requiring soil and erosion control measures throughout the construction season.
- Researched and drafted the proposed Ordinance revisions to the soil and erosion control section.

BMP No. E.2-Regulatory, 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.

Measurable Goal(s), including frequencies: Review Appendix F and the accompanying Technical Guidance to see that post-construction best management practices reflect the most current technology available to reduce pollutants from leaving the site to the maximum extent practicable and that water quality objectives are being represented in site runoff controls.

Year 1 Milestones: Participate in reviewing Appendix F and Technical Guidance through the DuPage County Water Quality Stakeholder Committee and/or Municipal Engineers Group for water quality representation and sediment and erosion control BMP technology updates.

Completed tasks in Year 1: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Researched numerous articles, documents, studies and ordinances on Best Management Practices (BMPs) effectiveness and provided the information to the Storm Water Quality Stakeholders Committee.

- Required all storm water management facilities be designed as wet basins with wetland bottoms and native prairie side slopes and buffers.

BMP No. F.1-Employee Training Program

Measurable Goal(s), including frequencies: The above working group will determine proper training procedures on good housekeeping and pollution prevention for appropriate supervisory and/or management employees on: 1) Building and Open Space Maintenance; 2) Vehicle/Fleet Maintenance; 3) Materials Storage and Disposal; 4) Infrastructure Inspection and Maintenance; 5) Construction and land disturbances. Supervisors and/or managers will then provide their employees with the appropriate training/information based on the needs of the facility.

Year 1 Milestones: In conjunction with the municipalities and stakeholder groups such as Municipal Engineers and Water Quality Stakeholders, gather employee training materials and brainstorm for an employee training procedures on the operation and maintenance of: building and open space maintenance, vehicle/fleet maintenance, materials storage and disposal, infrastructure inspection and maintenance, construction and land disturbances, storm water control, and waste disposal.

Completed tasks in Year 1: Participated with DuPage County in achievement of this task.

BMP No. F.2-Inspection and Maintenance Program, F.4-Municipal Operations Waste Disposal.

Measurable Goal(s), including frequencies: The above working group will investigate and develop procedures for inspection and maintenance of government-owned stormwater facilities, buildings and grounds, and infrastructure that concentrate on employee training and record keeping. Operation and maintenance procedures should consider: long-term inspection procedures, preventative maintenance, regular maintenance, and schedules for maintenance of: any control that discharges into a separate storm sewer, catch basins, storm drain systems, infiltration devices, detention and retention basins, vegetated swales, buffers, water quality inlets, screens and filters, drainage channels, restored channels and wetlands, dams, reservoirs, and filter strips; buildings and open-spaces; storage and waste disposal areas; highways, roads, streets, bridges, roadside vegetation, runoff control structures, and municipal parking areas; materials at maintenance and storage yards, fleet or maintenance shops, salt and sand storage areas, waste transfer stations, waste collection and

recycling areas, and construction sites; snow disposal; litter and dumping controls; construction and land disturbances; and, proper disposal of wastes, accumulated sediments, dredge spoil, sludge, and floatable removed from storm sewers and other management practices. Effective operation and maintenance methods should also consider: operating manuals, spill prevention and cleanup procedures, storm water pollution prevention plans (SWPPP), and inventory and inspection of materials and equipment. Record keeping will document current maintenance activities and schedules.

Year 1 Milestones: Coordinate procedural development with the municipal engineers, Mayors and Managers Conference, and the water quality stakeholder committee for inspection and maintenance of government-owned stormwater facilities, buildings and grounds, and infrastructure that concentrate on employee training and record keeping.

Completed tasks in Year 1: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Developed a long-range capital improvements program (CIP) and an operations and maintenance (O&M) program.
- Researched funding alternatives for a storm water management program.
- Completed a draft functional requirements and needs assessment study.
- Designed an inlet/catch basin cleaning and assessment program.
- Cleaned and inspected 130 inlets and catch basins.
- Swept 2,677 curb miles of local roads.
- Performed wetland and pond shoreline monitoring and management on Village own ponds.
- Continued ongoing rehabilitation of pond shorelines utilizing bioengineering techniques.
- Developed and implemented an anti-icing program to reduce the Village's salt usage.
- Completed the design of our Klein Creek Phase I Stream Bank Stabilization Project.
- Conducted meetings with our Storm Water Committee consisting of representatives from both the Village and the Park District to deal with storm water management issues.
- Applied for DuPage County and Illinois Department of Natural Resources funding for the Jay Stream Shoreline Enhancement Project and the Stream Bank & Shoreline Education Program. Received funding from DuPage County.
- Continued receiving used oil through the Village's Oil Recycling Program

BMP No. F.5-Flood Management/Asses Guidelines

Measurable Goal(s), including frequencies: Continue on-going efforts to ease flooding and flood damages to the maximum extent practicable. Review and revise, as needed, Appendix F and other related appendices. Continue to cooperate with the County of DuPage audit system for non-waiver and partial-waiver communities for compliance with Appendix F. Track the progress of watershed plans, hydrologic and hydraulic models, and FIRM maps updates as it pertains to our municipality.

Year 1 Milestones: Participate in reviewing Appendix F with municipalities and stakeholder groups. Assist the County in watershed plan development; modeling, and FIRM map updates.

Completed tasks in Year 1: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Reviewed new Flood Insurance Rate Maps (FIRMS) and provided documentation to improve the accuracy of these maps.

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

See DuPage County's Annual Report for the data that was collected and analyzed.

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

As stated in our NOI the following are activities that the Village of Carol Stream will undertake during year 2:

BMP No. A1-Distributed Paper Material, A2-Speaking Engagement, A3-Public Service Announcement, A4-Community Event, A5-Classroom Education Material.

- Assist the County in providing information about teacher training involving storm water pollution; work with the County to provide assistance to local organizations to expand current water quality educational efforts to all residents within DuPage County.

BMP No. B.3-Stakeholder Meeting

- Review Appendix F and Technical Guidance for possible revisions that will incorporate water quality benefits by reducing non-point sources of pollution to the maximum extent practicable.

BMP No. B.4-Public Hearing

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

BMP No. B.5-Volunteer Monitoring

- Assist working group with possible suggestions for development of database that will allow for examination of data by all users.

BMP No. 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 and Assessment.

- Start surveying all storm sewer outfalls and create an inventory that can be mapped. Start mapping inventory of storm sewer outfalls. Begin to formalize procedural recommendations from working group and make recommendations as to possible ordinance inclusion to prohibit non-storm water discharges into storm sewer systems that will include appropriate enforcement procedures.

BMP No. D.1-Regulatory Control Program, D.2-Erosion and Sediment Control BMPs, D.4-Site Plan Review Procedures, D.5-Public Information Handling Procedures, D.6-Site Inspection/Enforcement Procedures.

- Propose Ordinance revisions based on findings and recommendations by the above groups and committees.

BMP No. E.2-Regulatory, 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.

- Propose Ordinance revisions based on findings and recommendations by the above groups and committees.

BMP No. F.1-Employee Training Program

- Develop procedures, organize training sessions, and decide appropriate personnel to attend. Notify appropriate personnel of training sessions as well as posting information in other visible locations such as the County intranet site and facilities' bulletin boards.

**BMP No. F.2-Inspection and Maintenance Program, F.4-Municipal Operations
Waste Disposal.**

- Finalize procedures and methods for pollution prevention and good housekeeping, maintaining consistency with employee training as well as establishing guidelines for record keeping. Provide facilities with those procedures, recommended methods, and guidelines for record keeping.

BMP No. F.5-Flood Management/Asses Guidelines

- Propose possible Ordinance revisions based on findings and recommendations by the above groups and committees. Continue assisting where necessary in watershed plans, models, and FIRM map updates.

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

Location	Start Date Est. Comp. Date Description
Town Center Parking Lot & Fountain View Road Project	7/2002 2004 Construction of new parking lot, roadway, architectural features, irrigation system, landscaping and electrical improvements.
1999 Pond Shoreline Restoration Project	4/1999 1/2004 Rehabilitation of eroded pond shorelines and stream banks utilizing bioengineering techniques.
2000 Pond Shoreline Restoration Project	7/2000 2004 Rehabilitation of eroded pond shorelines and stream banks utilizing bioengineering techniques.
2001 Pond Shoreline Restoration Project	9/2001 2004 Rehabilitation of eroded pond shorelines and stream banks utilizing bioengineering techniques.
St. Charles Road & Gary Avenue Water Main Replacement Project	9/2002 11/2003 Replacement and upsizing of the water main along Gary Avenue and St. Charles Road.
Water Reclamation Center Expansion Project	8/2002 2004 Expansion of the water reclamation facility.