

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 2 Milestones: 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.

Completed tasks in Year 2: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Published the following Correspondent News articles that were distributed to:
 - *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.
 - *Disposing of Fall Leaves* – Article on the proper disposal of leaf waste.
 - *Holiday Tree, Wreath & Bough Collection* – Article on residents can dispose of this waste free of charge.

- *Mobile Household Hazardous Waste Collection Event* – Article on where to safely dispose of household hazardous wastes.
- *Rain Gardens Catching On* – Article on how residents can use very attractive low maintenance rain gardens to improve stormwater quality. It provides useful information on their benefits and contacts to assist in the free design of a rain garden.
- *The Buzz on West Nile Virus (WNV) – Infection Protection and Mosquito Control & West Nile Virus Infection Protection* – These were two articles that addressed the West Nile Virus and associated issues.
- *2004 Parkway Tree Program* – Article on how residents can participate in the Village’s Parkway Tree Program where the residents pay for the tree and the Village installs it for free.
- *Volunteers Needed* – Article requesting volunteers for the 6th Annual Pond & Stream Sweep.
- *Mayor’s Letter* – Article stressing the importance of our Earth Day and Pond & Stream Sweep events as well as thanking all those who participated. Also, a second article reminding residents to secure their refuse containers with lids to keep trash from blowing.
- *Battery Recycling Locations* – Article that identifies types of batteries, how and where they can be disposed.
- *Find Electronic Recycling Info on the Earth 911 Website* – Article on how residents can obtain valuable information on recycling unwanted electronics.
- *Electronics Resale Shop Now Open* – Article on where residents can dispose of old electronic equipment as well as purchase recycled or used electronics. The company provides a 10% donation to the Morton Arboretum.
- *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*
 - *Free Unlimited Leaf Pickup*
- Published several Village Happenings newsletter articles on:
 - *Hosts Household Hazardous Waste Collection Event*
 - *Electronics Recycling Event Scheduled*
 - *6-Week Fall Leaf Sticker Period*
 - *Village Ordinance Prohibits Raking Leaves into the Street/Curb*
- News article ran in the local newspaper: *Village hopes for flood of volunteers at River Sweep*
- Researched and provided numerous articles on storm water quality and funding to the Stormwater Quality Stakeholders Committee.

- Presented two seminars on “Stormwater BMPs for Communities”.
- Five Carol Stream management employees attended a seminar on “Stormwater Utility Funding”.
- 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*.
- Made available to our residents the following reference information:
 - *Your Wetland Resource How we care for it How you can help* – Christopher B. Burke Engineering, Ltd.
 - *West Nile Virus* – Clarke Mosquito Control
 - *Together we can control mosquitoes and enjoy the great outdoors* – Clarke Mosquito Control
 - *Mulch* – DuPage County Department of Environmental Concerns
 - *DuPage County 2004 – 2005 Recycling Guide* – DuPage County
 - *Automotive Products*
 - *Drop-off Recycling Centers*
 - *Large Appliances*
 - *Propane Tanks*
 - *Construction and Demolition (C&D) Recycling*
 - *Scrap Metal Recyclers*
 - *Resale Shops*
 - *Latex Paint Management*
 - *Batteries*
 - *Books*
 - *Waste Haulers*
 - *Thermostats – Fire Extinguishers – Smoke Detectors*
 - *Computers and Electronics*
 - *Household Hazardous Waste*
- Village Board adopted the following proclamations:
 - *Take Pride in Carol Stream Day* – Called upon the entire Carol Stream community to volunteer 3 – 4 hours to help clean up local parks, streams/ponds and littered highways.
 - *2004 National Volunteer Week* – Recognized volunteers that cleaned up our highways, ponds, streams and parks.
 - *2004 Arbor Day in Carol Stream - Friday, April 30th* – Encouraged Carol Stream residents to develop in their children an appreciation and love of trees.
 - *Carol Stream Hosts 2004 Pond & Stream Sweep in Support of American Rivers Month* – Encouraged residents to participate in the 2004 Carol Stream Pond & Stream Sweep.

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 National Pollutant Discharge Elimination System (NPDES) Phase II and total maximum daily loads (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 2 Milestones: 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.

Completed tasks in Year 2: 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 Stakeholders Committee on permanent and temporary BMPs.
- Prepared a draft revision to the soil erosion control section of the DuPage County Countywide Stormwater and Flood Plain Ordinance.
- Attended and participated in the DuPage River/Salt Creek Watershed Workgroup that is addressing TMDLs. Led the West Branch Project Committee on preparing a report recommending various projects to be undertaken within the West Branch watershed to address potential TMDLs.
- Active member of the DuPage River Coalition that seeks to address stormwater quality issues throughout the watershed. Sat on the Conservation 2000 Project Selection and the DuPage River Watershed Plan Update Committees.

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

Completed tasks in Year 2: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Heard a request for an extension on approval of an annexation and final plat delayed due to a correction of a stormwater management design problem.
- Participated in numerous resolutions for the creation of stormwater management and conveyance easement as well as wetland conservation easements.
- Reviewed various stormwater variance requests and provided comments.

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

Completed tasks in Year 2: 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 70 volunteers removed 1,500 pounds of trash from 10 miles of shorelines and stream banks that included Klein Creek and 16 retention ponds.
- Conducted another annual Community Park Clean Up where over 30 volunteers from 6 organizations removed 6 tons of litter from the wetland and cleaned up the park.
- Conducted our annual Adopt-A-Highway Program where 7 groups cleaned over 13 miles of road parkways.
- Served on the DuPage River/Salt Creek Watershed Workgroup where we:
 - Retained a consultant to develop a comprehensive stream monitoring program for all three watersheds (Salt Creek,

East and West Branches of the DuPage River) in DuPage County. Obtained a grant for the creation of this program.

- Secured funding for the purchase of stream monitors.
- Obtained financial and in-kind commitments from numerous municipalities and agencies totaling over \$500,000 annually for the development of this program and the implementation of other projects.

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 2 Milestones: 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.

Completed tasks in Year 2: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Developed a process and procedure for locating infrastructure points using a global positioning system (GPS).
- Developed a process and procedure for converting GPS data points into differentially corrected accurate locations.
- Developed a process and procedure for creating a geographical information system (GIS) storm sewer map based on the newly acquired and accurate GPS storm sewer outfall points.
- Located 120 storm sewer outfalls utilizing GPS technology, differentially corrected the coordinates, downloaded the GPS data into a GIS storm sewer map layer, revised the storm sewer piping system to reflect the accurately located points and published a storm sewer outfall map.

- Ordinances are presently in effect that prohibit non-stormwater discharges into the storm sewer system and include enforcement procedures.
- Consulted with DuPage County to develop a comprehensive countywide storm sewer mapping project utilizing GPS and GIS technologies.
- Prepared a report from the West Branch Project Committee that made the following recommendation to the DuPage River/Salt Creek Watershed Workgroup: Monitoring of the West Branch Stream segments and tributaries should be placed on the same schedule as the East Branch and Salt Creek except where the Kerr-McGee Superfund Project will make this impracticable. This project was given the highest priority because the results of the monitoring study will have the greatest impact on how future projects are selected.

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 2 Milestones: Propose Ordinance revisions based on findings and recommendations by the above groups and committees.

Completed tasks in Year 2: 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.
- Provided technical advice and information to the Storm Water Quality Stakeholders Committee on effective soil and erosion control measures and made a recommendation to model our Ordinance on Illinois Environmental Protection Agency's (IEPA) IRL10 requirements for a stormwater pollution prevention plan (SWPPP) and to perform those plan reviews.

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 2 Milestones: Propose Ordinance revisions based on findings and recommendations by the above groups and committees.

Completed tasks in Year 2: 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.
- Continued to require all storm water management facilities be designed as wet basins with wetland bottoms and native prairie side slopes and buffers.
- Met with DuPage County staff to initiate the preparation of a BMP Manual.
- Prepared a report from the West Branch Project Committee that made the following recommendation to the DuPage River/Salt Creek Watershed Workgroup: The Committee recommends a comprehensive watershed needs analysis and stormwater quality management funding study be performed. This study would identify the numerous needs throughout all three watersheds, estimate their costs, prioritize the projects, investigate and recommend funding for these needs as well as providing a schedule of implementation. The Committee felt this project is necessary to give the Workgroup future direction while providing valuable information on all the stormwater quality needs for all three watersheds.

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 2 Milestones: 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.

Completed tasks in Year 2: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Prepared a report from the West Branch Project Committee that made the following recommendations to the DuPage River/Salt Creek Watershed Workgroup:
 - A program should be designed and implemented for educating Public Works employees on how they can help in reducing chloride usage. The program could include operator training, storage and maintenance procedures, anti-icing (pre-wetting) programs, alternative deicers as well as obtaining commitments from municipalities to purchase and utilize digitally calibrated salt spreaders. This project received the fourth highest recommendation because chloride has already been identified in a TMDL on the West Branch that will continue to be monitored by the IEPA.
 - A non-point source phosphorus reduction study should be performed that identifies various projects and source control measures that could include: programs, designs, processes and procedures, regulations or legislation. The study would identify costs; provide a schedule or implementation, effectiveness ratings for phosphorus reduction and final recommendations. This study received the third highest recommendation because phosphorus is considered a high priority pollutant by IEPA and it could have an effect on the future TMDL for phosphorus on the West Branch.

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 2 Milestones: 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.

Completed tasks in Year 2: In addition to participating in DuPage County's achievements the Village also accomplished the following tasks:

- Completed a final functional requirements and needs assessment study.
- Completed a 20 Year Capital Improvements Program (CIP) and an updated our Operations and Maintenance (O&M) program.
- Conducted a training session for our management team on funding alternatives for a storm water management program.
- Developed and implemented a Stormwater Facilities Maintenance Program to standardize the maintenance and inspection of Village stormwater structures that included procedures to deal with requests, regular monthly maintenance and yearly service.
- Cleaned and inspected 873 inlets and catch basins.
- Swept 3,708 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.
- Began the initial year of an anti-icing program to reduce the Village's salt usage.

- Developed and implemented a sanitary sewer inventory, maintenance and repair program to help deal with potential sanitary sewer overflows (SSOs).
- Created a database to track SSOs and basement backups.
- Sealed 10 sanitary sewer manholes.
- 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 2 Milestones: 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.

Completed tasks in Year 2: 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.
- Reviewed stormwater management permit applications for compliance with the DuPage County Countywide Stormwater and Flood Plain Ordinance. Issued 21 stormwater management permits.

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.

- Support the County's expansion of youth educational efforts such as Mighty Acorns, Envirothon, etc. Assist the County in working with Forest Preserve and Park Districts to produce educational signage along the bike and water trails throughout the County.

BMP No. B.3-Stakeholder Meeting

- Make relevant suggestions for revisions to Appendix F and Technical Guidance to group in which we participate so that they will be suggested to the DuPage County Stormwater Management Committee in an effort to open a public comment period. Finalize pollution prevention and illicit discharge detection and elimination program/procedures through working group.

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

- Continue to advertise to increase recruitment.

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.

- Complete mapping of all storm sewer outfalls and start process of possible ordinance adoption for prohibition of non-storm water discharges into storm sewer systems and appropriate enforcement procedures. Begin investigation into monitoring methods and determine staffing or consulting needs to implement monitoring portion of program.

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.

- Participate in adopting possible Ordinance revisions.

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.

- Participate in adopting possible Ordinance revisions. Explore new or demonstration structural best management practices that will further enhance water quality benefits with water quality stakeholder group and municipal engineers.

BMP No. F.1-Employee Training Program

- Conduct at least one employee training session. Record attendees and ask them to complete a session evaluation as well as submit suggestions for improvements.

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

- Coordinate with employee training to assure consistency between procedures and guidelines. Encourage facilities to recommend necessary improvements to procedures and guidelines with records submittal for annual reporting. The working group can assess those suggestions and make revisions as needed.

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

- Participate in adopting possible Ordinance revisions. Continue assistance in watershed plans, modeling, and FIRM map updates.

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

The Village of Carol Stream is relying on DuPage County to satisfy some of our permit obligations. Those instances have been identified throughout the annual report for each BMP.

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 2005 Construction of new parking lot, roadway, architectural features, irrigation system, landscaping and electrical improvements.
Town Center Sign & Electrical Upgrade Project	7/19/05 1/17/05 Construction of two monument signs and Landscaping as well as installation of electrical upgrades.
2000 Pond Shoreline Restoration Project	7/2000 2005 Rehabilitation of eroded pond shorelines and stream banks utilizing bioengineering techniques.
2001 Pond Shoreline Restoration Project	9/2001 2005 Rehabilitation of eroded pond shorelines and stream banks utilizing bioengineering techniques.
Water Reclamation Center Expansion Project	8/2002 9/7/2004 Expansion of the water reclamation facility.