



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 Mount Prospect

2. MS4 Mailing Address: 1700 West Central Road

City: Mount Prospect State: IL

3. Operator Type: Village Other: _____

4. Operator Status: Local Other: _____

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

Cook County
Village of Mount Prospect

6. Area of land that drains to your MS4 in square miles: 10.28

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

Latitude: 42 04 2.06 Longitude: -87 56 15.00
Degrees Minutes Seconds: Degrees Minutes Seconds:

8. Name(s) of known receiving waters

McDonald Creek
Feehanville Ditch
Weller Creek
Higgins Creek

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

Name: Sean Dorsey Title: Director of Public Works Phone: 847-870-5640

Area of Responsibility: infrastructure

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

Measurable Goals (include shared responsibilities)

Please note that the current version of the Illinois Environmental Protection Agency's General NPDES Permit No. ILR40 (Permit) is scheduled to expire on March 31, 2014, and that the new version of the Permit, under which coverage is currently being sought through the submittal of this Notice of Intent (NOI), has not yet been released to the public. Although it is difficult to predict the changes that the Illinois Environmental Protection Agency (IEPA) will make to the new version of the Permit, the MS4 remains committed to performing activities related to each of the six MCMs described in the current version of the Permit.

MS4 Stormwater Management Program:
As part of its stormwater management program, the Village of Mount Prospect conducts a number of Public Education and Outreach activities that educate and inform the public about the impacts of stormwater runoff on receiving water bodies and the steps that the public can take to reduce those impacts. The Village of Mount Prospect utilizes a variety of best management practices (BMPs) to educate and inform the public about these issues, including the distribution of educational material to the community on the Village website and in the Village newsletter, and hosting a variety of community events. Following the expiration of the current version of the Permit on March 31, 2014, the Village of Mount Prospect plans to continue to perform a variety of activities related to the Public Education and Outreach MCM, as described in Attachment A.

Note: Qualifying Local Program (QLP) is not applicable in Cook County.

QLP MS4

- 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

Measurable Goals (include shared responsibilities)

Please note that the current version of the Illinois Environmental Protection Agency's General NPDES Permit No. ILR40 (Permit) is scheduled to expire on March 31, 2014, and that the new version of the Permit, under which coverage is currently being sought through the submittal of this Notice of Intent (NOI), has not yet been released to the public. Although it is difficult to predict the changes that the Illinois Environmental Protection Agency (IEPA) will make to the new version of the Permit, the MS4 remains committed to performing activities related to each of the six MCMs described in the current version of the Permit.

MS4 Stormwater Management Program:

As part of its stormwater management program, the Village of Mount Prospect conducts a number of Public Participation/Involvement activities that involve and engage the public in the implementation of its stormwater management program. The Village of Mount Prospect utilizes a variety of best management practices (BMPs) to involve and engage the public in these efforts, including: maintaining a process for receiving and processing citizen input; attending and publicizing stakeholder meetings; and, presenting program information at a public meeting at least once annually. Following the expiration of the current version of the Permit on March 31, 2014, the Village of Mount Prospect plans to continue to perform a variety of activities related to the Public Participation/Involvement MCM, as described in Attachment A.

Note: Qualifying Local Program (QLP) is not applicable in Cook County.

QLP MS4

- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6. Program Involvement
- B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

Measurable Goals (include shared responsibilities)

Please note that the current version of the Illinois Environmental Protection Agency's General NPDES Permit No. ILR40 (Permit) is scheduled to expire on March 31, 2014, and that the new version of the Permit, under which coverage is currently being sought through the submittal of this Notice of Intent (NOI), has not yet been released to the public. Although it is difficult to predict the changes that the Illinois Environmental Protection Agency (IEPA) will make to the new version of the Permit, the MS4 remains committed to performing activities related to each of the six MCMs described in the current version of the Permit.

MS4 Stormwater Management Program:

As part of its stormwater management program, the Village of Mount Prospect conducts a number of activities related to Illicit Discharge Detection and Elimination. In accordance with the current version of the Permit, the Village of Mount Prospect's Illicit Discharge Detection and Elimination program includes a storm sewer system map showing the locations of all outfalls and the names and locations of all waters that receive discharges from those outfalls; an ordinance or other regulatory mechanism that prohibits all non-stormwater discharges into the storm sewer system and provides the authority for appropriate enforcement procedures and actions; a plan to detect and address all non-stormwater discharges, including illegal dumping, into the storm sewer system; a program to educate public employees, businesses, and the general public about the hazards associated with illegal discharges and improper disposal of waste; and periodic inspection of storm sewer outfalls for detection of non-stormwater discharges and illegal dumping.

Following the expiration of the current version of the Permit on March 31, 2014, the Village of Mount Prospect plans to continue to perform a variety of activities related to the Illicit Discharge Detection and Elimination MCM, as described in Attachment A.

Note: Qualifying Local Program (QLP) is not applicable in Cook County.

QLP MS4

- C.1 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
- 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)

Please note that the current version of the Illinois Environmental Protection Agency's General NPDES Permit No. ILR40 (Permit) is scheduled to expire on March 31, 2014, and that the new version of the Permit, under which coverage is currently being sought through the submittal of this Notice of Intent (NOI), has not yet been released to the public. Although it is difficult to predict the changes that the Illinois Environmental Protection Agency (IEPA) will make to the new version of the Permit, the MS4 remains committed to performing activities related to each of the six MCMs described in the current version of the Permit.

MS4 Stormwater Management Program:

In accordance with the current version of the Permit, the Village of Mount Prospect has developed and implemented a Construction Site Runoff Control program to reduce the amount of pollution contained in construction stormwater runoff that enters the Village of Mount Prospect's storm sewer system from development sites. Following the expiration of the current version of the Permit on March 31, 2014, the Village of Mount Prospect plans to continue to perform a variety of activities related to the Construction Site Runoff Control MCM, as described in Attachment A.

Note: Qualifying Local Program (QLP) is not applicable in Cook County.

QLP MS4

- D.1 Regulatory Control Program
- 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

Measurable Goals (include shared responsibilities)

Please note that the current version of the Illinois Environmental Protection Agency's General NPDES Permit No. ILR40 (Permit) is scheduled to expire on March 31, 2014, and that the new version of the Permit, under which coverage is currently being sought through the submittal of this Notice of Intent (NOI), has not yet been released to the public. Although it is difficult to predict the changes that the Illinois Environmental Protection Agency (IEPA) will make to the new version of the Permit, the MS4 remains committed to performing activities related to each of the six MCMs described in the current version of the Permit.

MS4 Stormwater Management Program:

In accordance with the current version of the Permit, the Village of Mount Prospect has developed and implemented a Post-Construction Runoff Control program to reduce the amount of pollution contained in post-construction stormwater runoff that enters the Village of Mount Prospect's storm sewer system from development sites. Following the expiration of the current version of the Permit on March 31, 2014, the Village of Mount Prospect plans to continue to perform a variety of activities related to the Post-Construction Runoff Control MCM, as described in Attachment A.

Note: Qualifying Local Program (QLP) is not applicable in Cook County.

QLP MS4

- E.1 Community Control Strategy
- 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
- E.7 Other Post-Construction Runoff Controls

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Please note that the current version of the Illinois Environmental Protection Agency's General NPDES Permit No. ILR40 (Permit) is scheduled to expire on March 31, 2014, and that the new version of the Permit, under which coverage is currently being sought through the submittal of this Notice of Intent (NOI), has not yet been released to the public. Although it is difficult to predict the changes that the Illinois Environmental Protection Agency (IEPA) will make to the new version of the Permit, the MS4 remains committed to performing activities related to each of the six MCMs described in the current version of the Permit.

MS4 Stormwater Management Program:

In accordance with the current version of the Permit, the Village of Mount Prospect has developed and implemented a Pollution Prevention/Good Housekeeping program to reduce the amount of pollution generated by municipal activities and operations. The program includes: the evaluation and improvement of municipal policies and procedures to reduce the discharge of pollutants from municipal activities and operations; and, a training program for municipal employees. Following the expiration of the current version of the Permit on March 31, 2014, the Village of Mount Prospect plans to continue to perform a variety of activities related to the Pollution Prevention/Good Housekeeping MCM, as described in Attachment A.

Note: Qualifying Local Program (QLP) is not applicable in Cook County.

QLP MS4

- F.1 Employee Training Program
- F.2 Inspection and Maintenance Program
- F.3 Municipal Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines
- 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)).

SEAN P. DORSEY

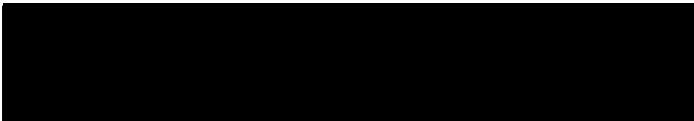
DIRECTOR OF PUBLIC WORKS

10/15/2013

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

ATTACHMENT A
SUMMARY OF PROPOSED MS4 STORMWATER MANAGEMENT ACTIVITIES

As part of its stormwater management program, the Village of Mount Prospect conducts a number of activities related to each of the six minimum control measures (MCMs) described in IEPA's General NPDES Permit No. ILR40. Please note that the current version of IEPA's General NPDES Permit No. ILR40 (Permit) is scheduled to expire on March 31, 2014, and that the new version of the Permit, under which coverage is currently being sought through the submittal of this Notice of Intent (NOI), has not yet been released to the public. Although it is difficult to predict the changes that IEPA will make to the new version of the Permit, the Village of Mount Prospect remains committed to performing activities related to each of the six MCMs described in the current version of the Permit. Following the expiration of the current version of the Permit on March 31, 2014, the Village of Mount Prospect plans to continue to perform a variety of stormwater management activities, as described in more detail below.

Please note that the Village of Mount Prospect has developed a Stormwater Management Program (SWMP), which describes the Village of Mount Prospect's stormwater activities in additional detail.

A. Public Education and Outreach

The Village of Mount Prospect conducts public education programs that inform the community of potential impacts on receiving streams and the contributions the public can make to reduce pollutants in storm water runoff. The Village utilizes a variety of methods to educate and provide outreach to the public about the importance of managing pollutants that potentially could enter the stormwater system. The program includes the following activities.

A.1 Distributed Paper Material

The Village strives to make their residents aware of the potential impacts of hazardous household materials on water quality and inform residents of ways to properly store, handle and dispose of the chemicals. Oftentimes, bad habits that lead to water pollution stem from the fact that citizens don't know the chemicals are dangerous to the environment. Once they are informed, they can adjust their behavior to help protect water quality. Materials include information related to: solid waste and recycling; household hazardous wastes; septic system maintenance; vehicle fluid maintenance; car washing; pool dewatering; and, pet waste collection. In addition, the Village publishes a newsletter article on stormwater management.

Measurable Goal(s): Maintain current practices. Implement, and track progress of BMPs as described in the SWMP.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

A.4 Community Event

Presenting the message directly through a community event can be a very effective way to reach the target audience. The Village of Mount Prospect implements the following Best Management Practices as part of its Community Events Program: Public Works Open House; and, Arbor Day Promotion.

Measurable Goal(s): Maintain current practices. Implement, and track progress of BMPs as described in the SWMP.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

A.6 Other Public Education

The Village website includes storm water quality specific elements. The website gives information regarding water quality, solid waste, hazardous material, storm water and general environmental health. The website is continually being updated and tracked for hits. A significant amount of information is made available through links to other educational and informational sites. The site also contains forms to receive general feedback on the program as well as to report an illicit discharge.

Providing storm water education through schools exposes the message not only to students, but to their parents as well. Many municipal storm water programs have partnered with educators and experts to develop storm water-related curricula for the children. This may be done in the classroom or, as the Village is doing, to establish tours at the Public Works Facility. Fortunately, these lessons need not be elaborate or expensive to be effective. The Village of Mount Prospect supplements the tour with education materials targeting school age children. The Village of Mount Prospect is currently hosting tours four times per year and will continue to do so as part of its SWMP. The Village will review and update, as necessary, this tour to ensure that this outreach program is aligned to the storm water goals and objectives of the Village.

Measurable Goal(s): Maintain current practices. Implement, and track progress of BMPs as described in the SWMP.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

B. Public Education and Outreach

Opportunities for members of the public to participate in program development and implementation include attending public hearings, working as citizen volunteers to educate other individuals about the program, assisting in program coordination with other pre-existing programs or participating in volunteer monitoring efforts. The following programs are implemented by the Village.

B.2 Educational Volunteer

Building a strong relationship with the school district is the most important step in getting storm water education into the schools. It is important to emphasize that the role of a municipality is to support a school district's effort to educate students about storm water, not to dictate what programs and materials the school should use. If requested, the Village of Mount Prospect Department of Public Works hosts educational seminars for area students.

Measurable Goal(s): Maintain current practices. Implement, and track progress of BMPs as described in the SWMP.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

B.4 Public Hearing

Public involvement and public participation naturally require the inclusion of stakeholders. Stakeholders are individuals or groups in the community that are most affected by a municipality's storm water program. They have a vested interest in the water body and storm water activities. Stakeholders might include citizens, local school groups, community leaders, local and state government representatives and business owners in the watershed. Stakeholder meetings can be in the form of a local storm water management panel, a public meeting or any type of interactive information-sharing event. In addition to inviting the stakeholders, representatives from several local newspapers, radio stations and television news departments should be included. Journalists, broadcasters and others who attend the meetings can let others know what happened, when the next meeting is and how they can get involved. Since the audience will be diverse and at all levels of scientific knowledge, some of the best ways to disseminate information at stakeholder meetings is through graphics like photographs and charts. Storm water management uses a lot of technical terms such as watershed runoff and nonpoint source pollution. A glossary of commonly used terms might be displayed on a flip chart or as an overhead or it could be provided on a handout given to participants before the meeting starts. A question and answer period and time for comments should be planned. The Department of Public Works currently provides their Storm Water Management Update Report at a yearly board meeting that is open to the public and well publicized.

Measurable Goal(s): Maintain current practices. Implement, and track progress of BMPs as described in the SWMP.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

B.7 Other Public Involvement

To supplement the Public Participation/Involvement minimum control measure, the following programs are implemented: residential parkway tree planting; residential recycling; commercial recycling; and, coffee with the Council. The Village participates, and encourages the participation of local stakeholders, in local program events and other sponsored watershed planning events. The Village attends these events and will adopt watershed plans per the direction and in coordination with the IEPA.

The Village also provides a website and phone number for complaints, suggestions, and requests related to construction activities, illicit discharges, storm sewer and other related stormwater runoff concerns.

Measurable Goal(s): Maintain current practices. Implement, and track progress of BMPs as described in the SWMP.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

C. Illicit Discharge Detection and Elimination

As part of its stormwater management program, the Village of Mount Prospect conducts a number of activities related to Illicit Discharge Detection and Elimination. In accordance with the current version of the Permit, the Village of Mount Prospect's Illicit Discharge Detection and Elimination program includes:

- A storm sewer system map showing the locations of all outfalls and the names and locations of all waters that receive discharges from those outfalls;
- An ordinance or other regulatory mechanism that prohibits all non-stormwater discharges into the storm sewer system and provides the authority for appropriate enforcement procedures and actions;
- A plan to detect and address all non-stormwater discharges, including illegal dumping, into the storm sewer system;
- A program to educate public employees, businesses, and the general public about the hazards associated with illegal discharges and improper disposal of waste; and,
- Periodic inspection of storm sewer outfalls for detection of non-stormwater discharges and illegal dumping.

The Village of Mount Prospect will continue to perform activities related to the Illicit Discharge Detection and Elimination MCM, as described below.

C.1 Sewer Map Preparation

The Village of Mount Prospect has prepared a storm sewer system map showing the locations of all outfalls and the names and locations of all waters that receive discharges from those outfalls. The storm sewer system map is periodically maintained and updated to include outfalls associated with development projects and any previously unidentified outfalls.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

C.2 Regulatory Control Program

The Village of Mount Prospect's Municipal Code contains restrictions on illicit discharges and stormwater management and provides the authority for appropriate enforcement procedures and actions. The MWRD and EPA have regulatory authority to control pollutant discharges and can take the necessary steps to correct or remove an inappropriate discharge over and above MS4 jurisdiction.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

C.3 Detection/Elimination Prioritization Plan

The Village of Mount Prospect has developed and implemented a plan to detect and address all non-stormwater discharges, including illegal dumping, into the storm sewer system. Methods used to detect illicit discharges include periodic visual dry weather screening, employee reporting, and public reporting. Outfalls with suspicious discharges are assessed to determine whether or not flow is observed and whether or not any indicators of an illicit discharge are present. The results of each inspection are recorded on a form, and based on such results, appropriate follow-up actions are prescribed. Such follow-up actions may include additional inspections, additional water quality

sampling and analysis, source tracking, and source removal. Follow-up activities are generally prioritized based on the scope and magnitude of the associated illicit discharge.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

C.4 Illicit Discharge Tracing Procedures

The Village of Mount Prospect has developed procedures for tracking illicit discharges to their source. Methods that can be used to track illicit discharges to their source include drainage area investigations, storm sewer network investigations, and on-site investigations, which may involve smoke testing, dye testing, and/or video inspection to pinpoint the exact source of an illicit discharge. When an illicit discharge is identified, appropriate source tracking procedures are selected and used to track the discharge to its source.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

C.5 Illicit Source Removal Procedures

The Village of Mount Prospect has developed procedures for removing illicit discharges from the storm drain system once they have been tracked to their source. These procedures generally include: using an independent third-party to confirm the presence of an illicit discharge; notifying the landowner of the presence of an illicit discharge; requesting and conducting a site inspection with the landowner to pinpoint the source of the illicit discharge and to identify potential remedial actions; notifying the landowner of the need to take corrective action; and, if necessary, enforcing the provisions of the illicit discharge ordinance to have the illicit discharge removed from the storm sewer system.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

C.7 Visual Dry Weather Screening

In accordance with the current version of the Permit, the Village of Mount Prospect conducts periodic inspections of storm sewer outfalls for detection of non-stormwater discharges and illegal dumping. During such inspections, outfalls are assessed to determine whether or not flow is observed and whether or not any indicators of an illicit discharge are present. The results of each inspection are recorded on a form, and based on such results, appropriate follow-up actions are prescribed. Such follow-up actions may include additional inspections, additional water quality sampling and analysis, source tracking, and source removal. Follow-up activities are generally prioritized based on the scope and magnitude of the associated illicit discharge.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

C.9 Public Notification

The Village of Mount Prospect provides and publicizes a phone number that the public can use to submit information about stormwater-related problems and concerns. The Village of Mount Prospect documents and tracks the resolutions of problems and complaints reported by the public, including reports of illicit discharges and illegal dumping.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

D. Construction Site Runoff Control

By many accounts, the most environmentally dangerous period of development is the initial construction phase, when land is cleared of vegetation and graded to create a proper surface for construction. The removal of natural vegetation and topsoil makes the exposed area particularly susceptible to erosion, causing transformation of existing drainage areas and disturbance of sensitive areas.

In accordance with the NPDES Phase II Rule, the Village must develop, implement and enforce a program to reduce pollutants in any storm water runoff to its MS4 from construction activities that result in a land disturbance of greater than or equal to one acre. Reduction of storm water discharges from construction activity disturbing less than one acre must be included in the program as well if that construction activity is part of a larger common plan of development or sale that would disturb one acre or more. The Village program must include the development and implementation of, at a minimum:

- An ordinance or other regulatory mechanism to require erosion and sediment controls, as well as sanctions to ensure compliance to the extent allowable under State, Tribal or local law;
- Requirements for construction site operators to implement appropriate erosion and sediment control SESC best management practices. As specified under Part IV of the Illinois EPA NPDES Permit ILR10, each project plan must at least as protective as the 2002 Illinois Urban Manual;
- Requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter and sanitary waste at the construction site that may cause adverse impacts to water quality;
- Procedures for site plan review ,which incorporate consideration of potential water quality impacts;
- Procedures for receipt and consideration of information submitted by the public; and
- Procedures for site inspection and enforcement of control measures

The Village of Mount Prospect implements the following programs to fulfill the requirements for this minimum control measure:

D.1 Regulatory Control Program

The Village's Municipal Code contains provisions for review, permitting, inspection and enforcement of construction site runoff control. The provisions of the Municipal Code are required for any development within the Village limits. The Village follows their Inspection and Violation Notification Procedure to ensure compliance with the approved plan. As part of the permit review process, applicants that hydrologically disturb greater than 1-acre are also required to seek coverage under the statewide construction general permit by filing a Notice of Intent (NOI) with IEPA. A copy of the NOI must be submitted to the Village prior to commencement of any site work, including demolition. During construction, applicants are required to submit to the IEPA Incidence of Noncompliance (ION) forms, as necessary. After the site is substantially stabilized, the applicant is required to submit a Notice of Termination (NOT) to the IEPA.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

D.4 Site Plan Review Procedures

The Village reviews plans in accordance with the Village's Municipal Code. Elements reviewers look for in an effective site construction erosion and sediment control plan include:

- Minimize needless clearing and grading.
- Protect waterways and stabilize drainage ways.
- Phase construction to limit soil exposure.
- Stabilize exposed soils immediately.
- Protect steep slopes and cuts.
- Install perimeter controls to filter sediments.
- Employ advanced sediment settling controls.

The Department of Public Works currently conducts plan reviews to ensure that erosion controls are installed on all construction projects. Variances can only be approved through public hearing. The North Cook County Soil and Water Conservation District has resources for reviewing erosion and sediment control plans in conformance with the Illinois Urban Manual. The Village maintains a tracking log of current construction projects and associated permits and inspections.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

D.5 Public Information Handling Procedures

The Village publicizes the Public Works and Police Department phone numbers for the public to report ordinance violations, which include illicit discharges, illegal dumping as well as the construction site storm water runoff ordinances. Both site design and construction related phone calls are directed to the Village Engineer, or designee. Site design comments are handled on a case by case basis. Construction related calls are typically addressed by performing a site inspection.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

D.7 Other Construction Site Runoff Controls

The Village conducts construction site inspections. All storm water BMPs should be inspected for continued effectiveness and structural integrity on a regular basis for the life of the construction project. Inspection and maintenance of BMPs should continue until all construction activities have ended and all areas of a site have been permanently stabilized. During each inspection, the Village Inspector should document whether the BMP is performing correctly, any damage to the BMP since the last inspection and recommendations for repairing the BMP if damage has occurred.

As part of the Village's SWMP, the Village is prepared to enforce violations of the construction site ordinances. The Village ordinance provides specific authority to enforce the storm water management requirements and, if necessary, apply penalties. Permittees shall establish a security fund that shall be continuously maintained until the completion of the work authorized under the permit.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

E. Post-Construction Runoff Control

In accordance with the NPDES Phase II Storm Water Rule, the Village must develop, implement and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre. This must include projects less than one acre that are part of a larger common plan of development or sale and that also discharge into the MS4. At a minimum, the program must ensure that controls are in place that would prevent or minimize water quality impacts. This includes requirements to:

- Develop and implement strategies that include a combination of structural and/or non-structural best management practices (BMPs) appropriate for the community;
- Use an ordinance or other regulatory mechanism to address post-construction runoff from new development; and redevelopment projects to the extent allowable under State, Tribal or local law. This includes meeting or exceeding the requirements of the NPDES General Permit ILR10 and at least as protective as the 2002 Illinois Urban Manual; and
- Ensure adequate long-term operation and maintenance of BMPs.

The Village of Mount Prospect implements the following six BMP programs to fulfill the requirements of this minimum control measure:

E.2 Regulatory Control Program

The Village's Municipal Code contains provisions for review, permitting, inspection and enforcement of construction site runoff control. The provisions of the Municipal Code are required for any development within the Village limits. The Village follows their Inspection and Violation Notification Procedure to ensure compliance with the approved plan. As part of the permit review process,

applicants that hydrologically disturb greater than 1-acre are also required to seek coverage under the statewide construction general permit by filing a Notice of Intent (NOI) with IEPA. A copy of the NOI must be submitted to the Village prior to commencement of any site work, including demolition. During construction, applicants are required to submit to the IEPA Incidence of Noncompliance (ION) forms, as necessary. After the site is substantially stabilized, the applicant is required to submit a Notice of Termination (NOT) to the IEPA.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

E.3 Long Term O&M Procedures

All storm water treatment practices should have an enforceable operation and maintenance agreement to ensure the system functions as designed. This agreement should include any and all maintenance easements required to access and inspect the storm water treatment practices and to perform routine maintenance as necessary to ensure proper functioning of the storm water treatment practice. In addition, a legally binding covenant specifying the parties responsible for the proper maintenance of all storm water treatment practices can be secured prior to issuance of any permits for land disturbance activities. The Village of Mount Prospect currently has in place a Structural BMP Maintenance Ordinance that meets the objectives of this practice and will maintain this program as part of its storm water management plan.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

E.4 Pre-Construction Review of BMP Designs

The Village of Mount Prospect should require submittal of a final storm water management plan for review and approval. To ensure that post-construction BMP controls remain effective for the long-term, a rigorous effort to planning, designing and constructing structural BMPs is necessary. A complete storm water management plan should include the following information:

- Contact Information
- Topographic Base Map
- Hydrologic and Hydraulic Design Calculations
- Soils Information
- Maintenance and Repair Plan
- Landscaping Plan
- Maintenance Easements / Maintenance Agreement
- Erosion and Sediment Control Plans for Construction of Storm Water Management Measures
- Other Environmental Permits

The Village of Mount Prospect currently has storm water runoff site plan review procedures in place. Permanent storm water BMPs are currently required on all construction, as stipulated by Village ordinance. Any variance from the ordinance requires public hearing.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

E.5 Site Inspections During Construction

In addressing the minimum control measure for post-construction runoff control, the Village of Mount Prospect performs site inspections during construction to ensure the proper installation of structural BMPs. As part of the Village's storm water program, the Village and Department of Public Works should be prepared to enforce violations of the post construction storm water control ordinances. The Village ordinance should provide specific authority to enforce the storm water management requirements and if necessary, apply penalties.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

E.6 Post-Construction Inspections

To maintain the effectiveness of post-construction storm water control BMPs, regular inspection of control measures is essential. Generally, inspection and maintenance of BMPs can be categorized into two groups-expected routine maintenance and non-routine (repair) maintenance. Routine maintenance refers to checks performed on a regular basis to keep the BMP in good working order and aesthetically pleasing. In addition, routine inspection and maintenance is an efficient way to reduce the chance of polluting storm water runoff by finding and correcting problems before the next rain. The failure of structural storm water BMPs can lead to downstream flooding, causing property damage, injury and even death.

Under the NPDES Storm Water Phase II rule, the Village is responsible for implementing BMP inspection and maintenance programs and having penalties in place to deter infractions. All storm water BMPs should be inspected for continued effectiveness and structural integrity on a regular basis. Generally, all BMPs should be checked after each storm event, in addition to these regularly scheduled inspections. The Department of Public Works currently performs inspections of structural BMPs, such as retention and detention ponds. These inspections are performed twice each year. These practices meet the objectives of this minimum control measure and will be maintained by the Village as its storm water management plan.

Measurable Goal(s): Continue existing practices.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

F. Pollution Prevention/Good Housekeeping

In accordance with the NPDES Phase II Storm Water Rule, the Village must develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations. Using training materials that are available from the USEPA, Illinois EPA or other organizations, the Village of Mount Prospect

program must include employee training to prevent and reduce storm water pollution from activities such as park and open space maintenance, fleet and building maintenance, new construction and land disturbances, and storm water system maintenance.

The Village of Mount Prospect implements the following programs to fulfill the requirements of this minimum control measure:

F.1 Employee Training Program

The Village's in-house employee training program was established to teach employees about storm water management, potential sources of contaminants and Best Management Practices (BMPs). The program provides employee's with a thorough understanding of the Village's Storm Water Management Plan, including BMPs, processes and materials they are working with, safety hazards, practices for preventing discharges and procedures for responding quickly and properly to toxic and hazardous material incidents. The program is repeated as necessary both to train new employees and to keep its objectives fresh in the minds of more senior employees. The training program is also flexible and will be adapted as the storm water management needs change over time. The Department of Public Works currently provides annual training to employees regarding its current pollution prevention work practices and required BMPs. A record of employee training is kept in the MS4 Annual Tracking Binder.

In addition to the annual training, the Department of Public Works conducts mandatory monthly safety meetings that include training on topics such as creek inspections, truck washing and outfall inspections.

Measurable Goal(s): *Maintain current practices. Implement, and track progress of BMPs as described in SWMP.*

Milestone(s): *The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.*

F.2 Inspection and Maintenance Program

The Village of Mount Prospect currently has in place maintenance guidelines for various existing maintenance practices including inspections, repairs, management of materials, etc. and utilizes the Hansen computer program for tracking. The key to maintaining records is continual updating. The Village will ensure that new information is added to existing inspection records and reports as it becomes available. Records for maintenance should be kept for at least five years.

Measurable Goal(s): *Maintain current practices. Implement, and track progress of BMPs as described in SWMP.*

Milestone(s): *The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.*

F.4 Municipal Operations Waste Disposal

Failure to properly store hazardous materials dramatically increases the probability that they will end up in local waterways. Many people have hazardous chemicals stored throughout their homes, especially in garages and storage sheds. Practices such as covering hazardous materials or even

storing them properly can have dramatic impacts. The effects of hazardous material leakage may be more pronounced in areas with heavier rainfall due to the greater volume of runoff.

Covering hazardous materials and areas where such materials are handled reduces potential contact with storm water and wind. Storage areas, outdoor material deposits loading and unloading areas and raw materials should all be covered or enclosed. Priority should be given to locations of the most hazardous substances. The Department of Public Works maintains its oversight of the BMP for the hazardous waste generated by the Village. Containerized hazardous waste materials will be disposed of or recycled through a contract arrangement with a third party hazardous waste disposal firm. A log of materials removed is maintained in the MS4 Annual Tracking Binder.

Measurable Goal(s): Maintain current practices. Implement, and track progress of BMPs as described in SWMP.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.

F.6 Other Municipal Operations Controls

The Village of Mount Prospect has developed spill prevention, control, and cleanup procedures to prevent and respond to spills that result from municipal activities and operations. Through its employee training and operation and maintenance programs, the Village of Mount Prospect works to incorporate these spill prevention, control, and cleanup procedures into its day-to-day activities and operations to prevent the release of spills into the storm sewer system.

Measurable Goal(s): Maintain current practices. Implement, and track progress of BMPs as described in SWMP.

Milestone(s): The Village of Mount Prospect began implementation of this BMP in March 2003 and will continue to implement it on an annual basis.