

Village of Bridgeview

IEPA NPDES General Permit No. ILR40-0301

Storm Water Management Program (SWMP)

For discharges from Small Municipal Separate Storm Sewer Systems (MS4)

April 2018 to March 2021

May 17, 2019

A. General Information

1. Storm Water Management Program contact:

Name: William Green
Title: Lead Maintenance Worker
Mailing Address: Village of Bridgeview – Public Works
7000 S. Harlem Avenue
Bridgeview, IL 60455
Public Works Dept.: (708) 594-2525
Mobile Phone:
Email Address: wgreen@villageofbridgeview.org

2. State Authority Contact:

Name: Mr. Alan Keller, PE
Title: Manager, Permit Section
Mailing Address: Illinois Environmental Protection Agency
Division of Water Pollution Control
Permit Section
P. O. Box 19276
Springfield, IL 62794-9276
Email Address: epa.ms4noipermit@illinois.gov

B. Governmental entities in which MS4 is located:

Cook County

C. Names of known receiving waters:

1. Stony Creek
2. Lucas Ditch
3. Lucas Ditch Tributary
4. 71st St. Ditch (flows to Chicago Sanitary & Ship Canal)



D. Storm Water Management Program Requirements:

1. The [Village] must develop, implement, and enforce a storm water management program designed to reduce the discharge of pollutants from [its] small municipal separate storm sewer system (MS4) to the maximum extent practicable (MEP), to protect water quality, and to satisfy the appropriate water quality requirements of the Illinois Pollution Control Board Rules and Regulations (35 Ill. Adm. Code, Subtitle C, Chapter 1) and the Clean Water Act. The storm water management program must include the 6 Minimum Control Measures (MCMs). The U.S. Environmental Protection Agency's National Menu of Stormwater Best Management Practices (<https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#edu>) and the most recent version of the Illinois Urban Manual should be consulted regarding the selection of appropriate BMPs.
2. You may partner with other MS4s to develop and implement your storm water management program.
3. For further details on the requirements for each of the 6 MCMs, please refer to the latest version of the General NPDES Permit No. ILR40.

E. Minimum Control Measures (MCMs):

1. Public Education and Outreach – (MCM 1)
2. Public Participation/Involvement – (MCM 2)
3. Illicit Discharge Detection and Elimination – (MCM 3)
4. Construction Site Runoff Control – (MCM 4)
5. Post-Construction Runoff Control – (MCM 5)
6. Pollution Prevention/Good Housekeeping – (MCM 6)

F. Best Management Practices (BMPs):

A. Public Education and Outreach

- A.1 Distributed Paper Material
- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material
- A.6 Other Public Education

B. Public Participation/Involvement

- B.1 Public Panel
- B.2 Educational Volunteer
- B.3 Stakeholder Meeting
- B.4 Public Hearing
- B.5 Volunteer Monitoring
- B.6 Program Coordination
- B.7 Other Public Involvement

C. Illicit Discharge Detection and Elimination

- C.1 Storm Sewer Map Preparation
- C.2 Regulatory Control Program
- C.3 Detection/Elimination Prioritization Plan
- C.4 Illicit Discharge Tracing Procedures
- C.5 Illicit Source Removal Procedures
- C.6 Program Evaluation 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

- 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

- E.1 Community Control Strategy
- E.2 Regulatory Control Program
- E.3 Long Term O&M Procedures
- E.4 Pre-Const Review of BMP Designs
- E.5 Site Inspections during Construction
- E.6 Post-Construction Inspections
- E.7 Other Post-Const Runoff Controls

F. Pollution Prevention/Good Housekeeping

- F.1 Employee Training Program
- F.2 Inspection and Maintenance Program
- F.3 Muni Operations Storm Water Control
- F.4 Municipal Operations Waste Disposal
- F.5 Flood Management/Assess Guidelines
- F.6 Other Municipal Operations Controls

Statement of Fairness – All BMPs shall and will be implemented, conducted, regulated, or enforced fairly throughout the entire Village as appropriate and applicable.

Revisions – BMPs C3, C4, and C5 may be added to the program in 9/2019.

MCM 1

1. Public Education and Outreach

A1: Distributed Paper Material (Newsletters or Brochures)

1. Description of BMP:

The Village Newsletter, *BridgeViews*, will be used periodically to provide stormwater relevant information on a variety of topics to the public. Public Works items, duties, and concerns may also be highlighted from time to time. The newsletters and event flyers will be posted on the Village website. The newsletters are not always continual publications and may experience some publication gaps from time to time. Publication is affected by budget and staffing availabilities.

Brochures on stormwater awareness, flood information, household chemicals, or other stormwater-related information may be distributed at times during a typical cycle but will be secondary to newsletters. At times, such items may be distributed or posted under BMP A6 in a language other than English to reach a wider audience.

Distributed paper material will be fairly distributed and available to all within the Village.

2. Target Audience: Village residents and business owners

3. Measurable Goals:

- a. Quantity of articles
- b. Frequency of distribution
- c. Public awareness
- d. Reduced pollutants

4. Schedule:

- a. Ongoing
- b. To be distributed at various times throughout the year
- c. Begun in previous cycles

A4: Community Event (Village-wide Cleanup Days)

1. Description of BMP:

The Village will hold annual Village-wide Cleanup Days in the spring and fall. All residents can participate by putting out used oils, paints, trash and other cleanup items for pickup by the Village. Residents are also asked to put out debris for pickup—debris that would otherwise be blown around or thrown into fields, ditches or sewers.

2. Target Audience: Village residents
3. Measurable Goals:
 - a. Items collected (tons of trash)
 - b. Number of participants
 - c. Debris reduction
 - d. Improved awareness
 - e. Reduced pollutants
4. Schedule:
 - a. Annual events in spring and fall
 - b. The spring event is typically in May or June
 - c. The fall event is typically in September or October and may include two dates
5. Note: In a past example, the 2018 cleanup days saw nearly 165 tons of trash collected.

A6: Other Public Education (Website)

1. Description of BMP:

The Village website will be used throughout the year to post a variety of stormwater, flooding, and public works information. Information regarding public services such as street sweeping, tree trimming, leaf collection, and snow plowing will be posted. Flyers for the Cleanup or other future programs would also be posted. Cook County drop off locations for electronic recycling may be posted on a regular basis. Rain Barrel information may be posted. Postings may be provided in languages other than English to reach a wider audience. The Village website is a fair and equitable means to reach Village residents and business owners.

The following items are required under the ILR40 permit to be posted on the Village website:

- PDF copy of latest Notice-of-Intent (NOI) for the ILR40 permit renewal
- PDF copy of this Storm Water Management Program (SWMP)
- PDF copies of Annual Reports (last 5 years)

2. Target Audience: Village residents and business owners
3. Measurable Goals:
 - a. Website hits and usage
 - b. Public awareness
 - c. Reduced pollutants
4. Schedule:
 - a. Ongoing

- b. To be used throughout the year
- c. Begun in previous cycles

MCM 2

2. Public Participation and Involvement

B4: Public Hearing (Meeting)

1. Description of BMP:

The Village will hold an annual informational Public Meeting that will be used to inform the public about such topics as stormwater, flooding, pollution control, proper disposal of grass clippings, pickup of dog droppings, or other MS4-related items. The meeting will highlight the six (6) minimum control measures and the Village's compliance status with same. The forum for the meeting will be before or during a typical Board/Council meeting or designated Committee. The meeting will be publicized in the local newspaper and minutes will be taken.
2. Target Audience: Village residents and Board/Council members
3. Measurable Goals:
 - a. Number of participants
 - b. Public questions
 - c. Public awareness
 - d. Meeting agendas and minutes
4. Schedule:
 - a. Ongoing
 - b. Hold public meeting annually
 - c. Begun in previous cycles
5. Note: The most recent Public Hearing was held on March 20, 2019.

B7: Other Public Involvement (Village-wide Cleanup Days)

1. Description of BMP:

The Village will hold annual Village-wide Cleanup Days in the spring and fall. All residents can participate by putting out used oils, paints, trash and other cleanup items for pickup by the Village. Residents are also asked to put out debris for pickup—debris that would otherwise be blown around or thrown into fields, ditches or sewers.

Cleanup days are the most effective means of garnering public participation on a larger scale.

2. Target Audience: Village residents and business owners
3. Measurable Goals:
 - a. Items collected (tons of trash)
 - b. Number of participants
 - c. Debris reduction
 - d. Improved awareness
 - e. Reduced pollutants
4. Schedule:
 - a. Annual event in spring and fall
 - b. The spring event is typically in May or June
 - c. The fall event is typically in September or October and may include two dates
 - d. Ongoing
 - e. Begun in previous cycles
5. Note: In a past example, the 2018 cleanup days saw nearly 165 tons of trash collected.

MCM 3

3. Illicit Discharge Detention and Elimination

C1: Storm Sewer Map Preparation

1. Description of BMP:

The Village has an up-to-date Storm Sewer Map on which outfalls are numbered and storm sizes are included with lengths to scale. The map is GIS-based and should be reviewed on a regular (annual) basis for potential updates as needed or as new development occurs. The map should be used as a source for locating or obtaining information concerning outfalls, storm sewers, or storm structures.
2. Measurable Goals:
 - a. Update storm sewer atlas
 - b. Review annually
3. Schedule:
 - a. As budget allows, update the storm sewer atlas as soon as is practicable when revisions are needed
 - b. On a yearly basis, compile new updates to be added to the atlas
 - c. Perform file update (as needed) at least once every 5 years.
 - d. Need identified in previous cycles

C2: Regulatory Control Program (Ordinance)

1. Description of BMP:

The Village ordinance, Article 13, addresses issues related to hazardous materials and illicit discharges or dumping. The Village will continue to enforce this ordinance and other development ordinances that include soil erosion and sediment control through its plan review process. The Village ordinances are posted on the Village website. Periodically review the regulatory program and ordinance adequacy and make any updates or revisions as needed. The Village also refers to the MWRD Sewer Use ordinance that includes portions that address issues related to illicit Discharge.
2. Measurable Goals:
 - a. Ordinance effectiveness
 - b. Current applicability
3. Schedule:
 - a. Ongoing enforcement of all Village ordinances
 - b. Review the regulatory program and ordinance adequacy in the third year of the permitting cycle
 - c. Perform file update (as needed) at least once every 5 years.

C3: Detection/Elimination Prioritization Plan (*IDDE Procedures; may be added 9/2019*)

1. Description of BMP:

The Village will establish written Illicit Discharge Detection and Elimination Procedures for outfall inspections. Procedures will include inspections, tracing procedures, and removal procedures. Periodically review the procedures for adequacy and make any updates or revisions as needed.

2. Measurable Goals:

- a. *Procedures effectiveness*
- b. *Current applicability*
- c. *Reduced pollutants*

3. Schedule:

- a. *Established initially then ongoing enforcement*
- b. *Review the procedures for adequacy in the third year of the permitting cycle*
- c. *Perform update (as needed) at least once every 5 years*

C4: Illicit Discharge Tracing Procedures (*may be added 9/2019*)

1. Description of BMP:

Subsequent to outfall inspections under BMP C7 and typical storm sewer inspections, the source of any discovered contaminants or illicit discharges will be traced and investigated. Periodic inspection of residential, commercial or industrial areas should be conducted on an annual basis as may be necessary. Storm sewer systems should be inspected and cleaned where needed. Inspections and source tracing may also lead to recommended catch basin or inlet vacuuming/cleaning. Storm sewer jetting is an option in some circumstances.

2. Measurable Goals:

- a. *Clean outfalls*
- b. *Removal of any illicit discharges*

3. Schedule:

- a. *Ongoing*
- b. *Conduct inspections annually and follow-up tracing as needed*

C5: Illicit Source Removal Procedures (*Locate and Eliminate Illicit Discharges; may be added 9/2019*)

1. Description of BMP:

Subsequent to outfall inspections under BMP C7 and tracing procedures under BMP C4, any discovered contaminants or illicit discharges will be eliminated as much as is practicable. If tracing procedures lead to specific industrial or commercial areas as the source, proper warnings or notices will be given to property owners to cease causal activities.

2. Measurable Goals:

- a. Clean outfalls
- b. Removal of any illicit discharges

3. Schedule:

- a. Ongoing
- b. Conduct inspections annually and follow-up elimination as needed

C7: Visual Dry Weather Screening (Outfall Inspections)

1. Description of BMP:

The dry weather screening program will consist of inspecting outfalls and logging the results on an appropriate inspection form. Inspections shall take place no sooner than 72 hours after a rain event. Photos of the outfalls may be taken. The target goal is at least 50% of the Village outfalls are to be inspected on a yearly basis. Priority outfalls should be inspected at least annually, but preferably more frequently. Any discovered illicit discharges will flag the particular outfall for follow-up tracing and removal procedures (IDDE Procedures may be added in 9/2019).

2. Measurable Goals:

- a. Clean outfalls
- b. Inspection of 50% of outfalls yearly
- c. Reduced illicit discharges

3. Schedule:

- a. Perform inspections in dry weather times throughout the year, but primarily in the warm weather months no sooner than 72 hours after a rain event
- b. Priority outfalls to be inspected at least annually, but preferably more frequently

C10: Other Illicit Discharge Controls (Visual Monitoring Inspections; added 4/2016)

1. Description of BMP:

Visual Monitoring Inspections at upstream and downstream locations along the receiving watercourses listed below will be performed as part of this BMP. Since the Village population is under 25,000, it has opted for visual monitoring. Similar to an outfall inspection under BMP C7, the inspection should be logged on an appropriate inspection form. Photos may be taken of the location. As determined by the inspector or as needed, grab water samples may be taken for further lab testing. And lab test results should be kept on file and reported as part of the Annual Report. This BMP may involve revision and future expansion to accommodate changing permit requirements.

Receiving watercourses:

- Stony Creek
- Lucas Ditch
- Lucas Ditch Tributary
- 71st St. Ditch (flows to Chicago Sanitary & Ship Canal)

2. Measurable Goals:

- a. Illicit discharge detection at upstream and downstream locations of watercourses
- b. Identification of potential source location
- c. Reduced Pollutants

3. Schedule:

- a. Ongoing
- b. Annually

MCM 4

4. Construction Site Runoff Control

D1: Regulatory Control Program (Erosion and Sediment Control Ordinance)

1. Description of BMP:

The Village Ordinance #6-19 regulates soil erosion and sediment control in runoff from construction sites. The Village continues to enforce this ordinance and other development ordinances through the plan review process. The Village ordinances are posted on the website. Article 4 of the Watershed Management Ordinance (WMO) used by MWRD is also in effect and regulates erosion and sediment control. The WMO became effective on May 1, 2014.

2. Measurable Goals:

- a. Ordinance enforcement through the plan review process
- b. Reduced soil erosion and sediment

3. Schedule:

- a. Ongoing enforcement
- b. Periodic review of ordinance effectiveness and applicability

D2: Erosion and Sediment Control BMPs

1. Description of BMP:

Erosion and Sediment Control BMPs are required under the current ordinance and these requirements are enforced through the plan review process. Required site BMPs will be reviewed for effectiveness. Consideration will be given for any changes in the requirements warranted due to new or emerging technologies.

2. Measurable Goals:

- a. Ordinance enforcement
- b. Reduced soil erosion and sediment

3. Schedule:

- a. Ongoing enforcement
- b. Periodic review of ordinance effectiveness and applicability

D4: Site Plan Review Procedures

1. Description of BMP:

Development plans will continue to be reviewed under local and MWRD ordinances by Village Staff and/or engineering consultants, especially regarding stormwater and erosion and sediment control measures. Projects over one acre will continue to be required to submit a Notice of Intent prior to construction. A SWPPP is required with plan sets.

2. Measurable Goals:

- a. Ordinance enforcement
- b. Reduced soil erosion and sediment

3. Schedule:

- a. Ongoing enforcement
- b. Periodic review of ordinance effectiveness and applicability

D6: Site Inspection/Enforcement Procedures

1. Description of BMP:

Weekly inspection reports will continue to be required from developers of active projects. Periodic or surprise audit inspections are conducted by the Village as needed. The inspections will typically be documented on appropriate forms. Developers will be informed of any noted deficiencies in their site's erosion and sediment control measures. Copies of the documentation will be filed.

A graduated step approach with escalation in enforcement measures will be used to achieve compliance, such as initial reporting of deficiencies, notification of possible enforcement measures such as stop work orders and ticketing by the Police Department, drawing on Letter of Credit monies to have the measures implemented, and potential legal proceedings.

2. Measurable Goals:

- a. Ordinance enforcement
- b. Reduced soil erosion and sediment

3. Schedule:

- a. Ongoing enforcement
- b. Periodic inspections will be conducted as deemed necessary depending on level of activity at a site and on weather conditions
- c. Inspections of sites for which the Village is responsible will be conducted weekly and after 0.5" or greater rain events

MCM 5

5. Post-Construction Runoff Control

E2: Regulatory Control Program (Post Construction Runoff Control Ordinance)

1. Description of BMP:

The Village Ordinance #6-20 regulates post construction storm water runoff from construction sites. The Village continues to enforce this ordinance and other development ordinances throughout the plan review, construction, and post-construction process. The Village ordinances are posted on the website. Article 4 of the Watershed Management Ordinance (WMO) used by MWRD is also in effect and regulates erosion and sediment control.

2. Measurable Goals:

- a. Ordinance enforcement through the plan review process
- b. Reduced soil erosion and sediment

3. Schedule:

- a. Ongoing enforcement
- b. Periodic review of ordinance effectiveness and applicability

E3: Long Term O&M Procedures

1. Description of BMP:

Long Term Operation and Maintenance Procedures related to erosion and sediment control are required under the current ordinance and these requirements are enforced during the plan review process prior to construction.

2. Measurable Goals:

- a. Ordinance enforcement
- b. Reduced soil erosion and sediment

3. Schedule:

- a. Ongoing enforcement
- b. Periodic review of ordinance effectiveness and applicability

E4: Pre-Construction Review of BMP Designs

1. Description of BMP:

Erosion and Sediment Control BMPs are required under the current ordinance and these requirements are enforced through the plan review process prior to

construction. Required site BMPs will be reviewed for effectiveness. Consideration will be given for any changes in the requirements warranted due to new or emerging technologies.

2. Measurable Goals:
 - a. Ordinance enforcement
 - b. Reduced soil erosion and sediment
3. Schedule:
 - a. Ongoing enforcement
 - b. Periodic review of ordinance effectiveness and applicability

E5: Site Inspections during Construction

1. Description of BMP:

Weekly inspection reports will continue to be required from developers of active projects. Periodic or surprise audit inspections will be conducted by the Village as needed during the construction process. The inspections will typically be documented on appropriate forms. Developers will be informed of any noted deficiencies in their site's erosion and sediment control measures. Copies of the documentation will be filed.

A graduated step approach with escalation in enforcement measures will be used to achieve compliance, such as initial reporting of deficiencies, notification of possible enforcement measures such as stop work orders and ticketing by the Police Department, drawing on Letter of Credit monies to have the measures implemented, and potential legal proceedings.

2. Measurable Goals:
 - a. Ordinance enforcement
 - b. Reduced soil erosion and sediment
3. Schedule:
 - a. Ongoing enforcement
 - b. Periodic inspections will be conducted as deemed necessary depending on level of activity at a site and on weather conditions
 - c. Inspections of sites for which the Village is responsible will be conducted weekly and after 0.5" or greater rain events

E6: Post-Construction Inspections

1. Description of BMP:

Post-construction BMPs and facilities including storm sewer systems, grading, and stormwater detention facilities will be inspected after the sites are completed and request for the acceptance of the development is received. Final inspections will be part of any newly constructed development.

Furthermore, the goal is to inspect existing stormwater management systems throughout the year on an as needed basis. Storm sewers and structures will be cleaned, vacuumed, or jetted as needed.

2. Measurable Goals:

- a. Ordinance enforcement
- b. Reduced soil erosion and sediment

3. Schedule:

- a. Ongoing enforcement
- b. Developments will receive final acceptance and release of the development security only after punch lists and any deficiencies are corrected. The developments will also be inspected before the expiration of the maintenance bond that is put in place after acceptance.

MCM 6

6. Pollution Prevention and Good Housekeeping

F1: Employee Training Program

1. Description of BMP:

Appropriate employees will be provided training for pollution prevention measures, such as training in the use of salt spreading, distribution rates, proper snow-plowing, procedures for disposal of oil, salt storage, fuel dispensing, handling of solvents, outfall inspections, monitoring, catch basin cleaning, etc.

Appropriate employees will be provided refresher training or information to reinforce the established pollution measures in place. This may involve the use of various videos applicable to the subject matter.

2. Measurable Goals:

- a. Conduct at least one training session per year
- b. Informed staff

3. Schedule:

Summer or fall on an annual basis

F2: Inspection and Maintenance Program

1. Description of BMP:

Routine inspection and maintenance of Village streets, storm sewers, storm inlets and catch basins, ditches, swales, and stormwater detention facilities are part of the typical Public Works responsibilities. This includes street sweeping, storm structure vacuuming, jetting, or repair, and debris, branch and leaf collection. Systems and facilities are primarily under continuous surveillance rather than on a rigidly established schedule; however, some scheduling is involved.

2. Measurable Goals:

- a. Keep Village systems in top operating condition
- b. Reduced pollutants or contaminants

3. Schedule:

- a. Ongoing and as needed
- b. Street-sweeping – will be performed throughout the year during the seasonal months (typically April through October)

- c. Inlets/Catch Basins – will be inspected and maintained as needed throughout the year – needed repairs may be performed in-house or by contractor. Catch basins will be cleaned annually.
- d. Storm sewers – will be inspected and cleaned or jetted on an as needed basis throughout the year – significant maintenance issues may not be able to be repaired immediately and may require special budgeting and scheduling depending on severity and impacts to drainage
- e. Detention ponds/basins – Village-owned detention basins will be inspected periodically and maintained as needed – debris will be cleared from outlets as necessary to promote proper drainage. Other detention basins will be similarly inspected and maintained if proper easements allow for Village access.
- f. Culverts – if under Village control, will be inspected and debris removed as needed
- g. Ditch, swale or creek cleaning – will be inspected and cleaned as needed on an annual basis
- h. Snow Plowing and Deicing – roadways under the Village control will be plowed of snow and deiced as needed during the cold weather months and performed on a yearly basis

F3: Municipal Operations Storm Water Control

1. Description of BMP:

The BMPs for municipal operations for stormwater control will be reviewed for effectiveness and audited for compliance with the program. Revisions will be made as necessary. Typical municipal operations will continue to adhere to established and known stormwater control measures. The Village completed a Storm Water Pollution Prevention Plan (SWPPP) and Spill Response Plan (SRP) for its Maintenance Yard and Operations in 2011. The SWPPP/SRP should be reviewed and updated as needed on an annual basis.

2. Measurable Goals:

- a. Program effectiveness
- b. Program compliance
- c. Reduced pollutants or contaminants
- d. Reviewed and updated SWPPP/SRP

3. Schedule:

- a. Ongoing
- b. Yearly review to take place in February or March

F4: Municipal Operations Waste Disposal

1. Description of BMP:

The BMPs for municipal operations for waste control will be reviewed for effectiveness and audited for compliance with the program. Revisions will be made as necessary. Typical municipal operations will continue to adhere to established and known waste disposal measures. Waste disposal is typically logged and may be handled directly by Village staff or through a contracted disposal service. Fluids such as oil and coolant from vehicle maintenance are collected and disposed of according to typical methods as mentioned above. Double or triple basins are routinely cleaned according to typical procedures. Spilled fuel is mopped up with an absorbent product or similar material and disposed of properly. Refer to SWPPP/SRP for additional information.

2. Measurable Goals:

- a. Program effectiveness
- b. Program compliance
- c. Reduced pollutants or contaminants

3. Schedule:

- a. Ongoing
- b. Yearly review to take place in February or March

F5: Flood Management/Assessment Guidelines

1. Description of BMP:

The Village Ordinance includes components which enforce floodplain and flood hazard regulations for any development in or near to floodplains. The MWRD WMO is also applicable and enforced with new developments. Development plans will be reviewed for compliance with applicable ordinances and policies with regard to flood management and for compliance with IDNR-OWR and FEMA regulations. Where applicable, developers will be required to submit for and obtain a Letter of Map Revision (LOMR) from FEMA.

2. Measurable Goals:

Reduced flooding and flood reduction

3. Schedule:

- a. Ongoing
- b. Development reviews as needed by Village staff and/or its engineering consultant.

G. Monitoring, Recordkeeping, and Reporting:

1. Monitoring:

Monitoring shall include at least annual monitoring of receiving waters upstream and downstream of the MS4 discharges, use of indicators to gauge the effects of stormwater discharges on the physical/habitat-related aspects of the receiving waters, and/or monitoring of the effectiveness of the BMPs.

2. Recordkeeping:

- a. The Village must keep records required by the ILR40 permit for up to 5 years after the expiration date of the permit. The current permit expires on February 28, 2021.
- b. All records shall be kept onsite or locally available and shall be made accessible to the Agency (IEPA) for review at the time of an on-site inspection.
- c. Except as otherwise required by the ILR40 permit, the Village must submit its records to the IEPA only when specifically asked to do so.
- d. As required by the ILR40 permit, the following (at a minimum) must be posted on the Village website:
 - i. Current Notice of intent (NOI)
 - ii. Storm Water Management Program/Plan (SWMP)
 - iii. Annual reports (last 5 years)
- e. Storm sewer maps may be withheld for security reasons

3. Reporting:

- a. The Village must submit annual reports to the IEPA by the first day of June (**June 1**) for each year that the ILR40 permit is in effect.
- b. If the Village maintains a website, a copy of the annual report shall be posted on the website by June 1 of each year.
- c. Each report shall cover the period from March of the previous year through March of the current year. Please refer to the ILR40 permit for the list of items the annual report must include.

H. Revisions:

1. 6/13/16 – Initial plan
2. 6/1/18 – minor revisions; correct web address
3. 5/17/19 – minor revisions
- 4.
- 5.