

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

Name: Jeff Wolfram Title: Water Operator Phone: 847-279-6900

Area of Responsibility: _____

Name: Casey Wennerstrom Title: Utility Forman Phone: 847-279-6900

Area of Responsibility: _____

Name: Lana Rudnik Title: _____ Phone: 847-279-6900

Area of Responsibility: _____

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

Qualifying Local Programs:

Measurable Goals (include shared responsibilities)

A.1 Distributed Paper Material

Brief Description of BMP:

Semi-annually publish one article about the impacts of stormwater discharges on water bodies and actions the public can take to reduce pollutants in stormwater runoff. Over time, the articles will provide information on the following topics:
- Proper use and management of household chemicals, such as: fluids for vehicles and other equipment; soaps, solvents, and detergents for outdoor washing; paint; chemicals for lawn and garden care; and winter de-icing materials.
- The hazards associated with illegal discharges and improper disposal of waste, along with a telephone number for reporting potential incidents.
- A discussion of green infrastructure emphasizing the importance of developing strategies for stormwater pollution prevention and information about the costs of these strategies.
- A discussion on the impact of climate change, such as more frequent high intensity rainfall, which leads to increased runoff and erosion. An increase in runoff and erosion leads to potentially the need for more BMPs such as turf reinforcement mats, drought tolerant plants, and potentially larger storm sewers capable of conveying increased flows due to climate change.
Continue distributing stormwater quality information with each permit application and continue tracking the number of page views on the Stormwater Management page of the Village's website.

Measurable Goals, including frequencies:

Publish semi-annual stormwater pollution prevention articles in the Village newsletter. Continue distributing stormwater quality information with each permit application and continue tracking the number of page views on the Stormwater Management page of the Village's website.

Milestones:

Go to Additional Pages

Year 1:

Publish two stormwater pollution prevention articles regarding one of the following topics: use and management of household chemicals, the hazards associated with illegal discharges and improper disposal of waste, the importance of green

infrastructure, and the impact of climate change. Continue distributing stormwater quality information with each permit application and continue tracking the number of page views on the Stormwater Management page of the Village's website. Page 3 of 23

Year 2:

Publish two stormwater pollution prevention articles regarding one of the following topics: use and management of household chemicals, the hazards associated with illegal discharges and improper disposal of waste, the importance of green infrastructure, and the impact of climate change. Continue distributing stormwater quality information with each permit application and continue tracking the number of page views on the Stormwater Management page of the Village's website.

Year 3:

Publish two stormwater pollution prevention articles regarding one of the following topics: use and management of household chemicals, the hazards associated with illegal discharges and improper disposal of waste, the importance of green infrastructure, and the impact of climate change. Continue distributing stormwater quality information with each permit application and continue tracking the number of page views on the Stormwater Management page of the Village's website.

Year 4:

Publish two stormwater pollution prevention articles regarding one of the following topics: use and management of household chemicals, the hazards associated with illegal discharges and improper disposal of waste, the importance of green infrastructure, and the impact of climate change. Continue distributing stormwater quality information with each permit application and continue tracking the number of page views on the Stormwater Management page of the Village's website.

Year 5:

Publish two stormwater pollution prevention articles regarding one of the following topics: use and management of household chemicals, the hazards associated with illegal discharges and improper disposal of waste, the importance of green infrastructure, and the impact of climate change. Continue distributing stormwater quality information with each permit application and continue tracking the number of page views on the Stormwater Management page of the Village's website.

- A.2 Speaking Engagement
- A.3 Public Service Announcement
- A.4 Community Event
- A.5 Classroom Education Material

A.6 Other Public Education (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Distributed Paper Material -- In the past five years, the Village of Wheeling began including semi-annual stormwater pollution prevention articles in their bi-monthly Village newsletter.

Measurable Goals, including frequencies:

Distribute a semi-annual stormwater pollution prevention.

Milestones:

Year 1:

Continue to distribute the publication.

Year 2:

Continue to distribute the publication.

Year 3:

Continue to distribute the publication.

Year 4:

Continue to distribute the publication.

Year 5:

Continue to distribute the publication.

Go to Additional Pages

B. Public Participation/Involvement

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

- 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

(You may need to go to the next page to fill in this information)

Brief Description of BMP:

Identify any environmental justice areas within the Village using the website link: <http://www.epa.gov/environmentaljustice/> and develop strategies to involve the public from these environmental justice areas in the Village's stormwater management

Measurable Goals, including frequencies:

The Village will begin identifying environmental justice areas; if applicable, the Village will begin identifying appropriate public involvement/participation, which may include providing notices to residents written in Spanish (or other applicable language)

Milestones:

Year 1:

Identify any environmental justice areas within the Village using the website link: <http://epa.gov/environmentaljustice/>. Continue to inform residents of the contact number to call for reporting stormwater related issues.

Year 2:

If there are environmental justice areas within Village limits, begin identifying appropriate public involvement/participation which may include providing notices to residents written in Spanish (or other applicable language) and/or providing a translator at a public meeting held annually. Continue to inform residents of the contact number to call for reporting stormwater related issues.

Year 3:

If there are environmental justice areas within Village limits, begin implementing various strategies to involve the public in these areas. These strategies may include providing notices to residents written in Spanish (or other applicable language) and/or providing a translator at a public meeting held annually. Continue to inform residents of the contact number to call for reporting stormwater related issues.

Year 4:

If there are environmental justice areas within Village limits, continue implementing various strategies to involve the public in these areas. These strategies may include providing notices to residents written in Spanish (or other applicable language) and/or providing a translator at a public meeting held annually. Continue to inform residents of the contact number to call for reporting stormwater related issues.

Year 5:

If there are environmental justice areas within Village limits, continue implementing various strategies to involve the public in these areas. These strategies may include providing notices to residents written in Spanish (or other applicable language) and/

or providing a translator at a public meeting held annually. Continue to inform residents of the contact number to call for reporting stormwater related issues. Page 5 of 23

Go to Additional
Pages

C. Illicit Discharge Detection and Elimination

Qualifying Local Programs:

Measurable Goals (include shared responsibilities)

C.1 Sewer Map Preparation (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Storm Sewer Map Preparation -- In the past five years the Village has updated its storm sewer map.

Measurable Goals, including frequencies:

Annually review the storm sewer map and update as needed.

Milestones:

Year 1:

Review the storm sewer map and update as needed.

Year 2:

Review the storm sewer map and update as needed.

Year 3:

Review the storm sewer map and update as needed.

Year 4:

Review the storm sewer map and update as needed.

Year 5:

Review the storm sewer map and update as needed.

Go to Additional Pages

C.2 Regulatory Control Program (You may need to go to the next page to fill in this information)

Regulatory Control Program -- In the past five years the Village has adopted an illicit discharge ordinance. The Village also has a 2 year agreement with the Buffalo Creek Clean Water Partnership for monitoring (BCCWP).

Measurable Goals, including frequencies:

Enforce the Illicit Discharge and Connection Ordinance.

Milestones:

Year 1:

Continue to enforce the Illicit Discharge and Connection Ordinance with input from BCCWP

Year 2:

Continue to enforce the Illicit Discharge and Connection Ordinance with input from BCCWP

Year 3:

Continue to enforce the Illicit Discharge and Connection Ordinance.

Year 4:

Continue to enforce the Illicit Discharge and Connection Ordinance.

Year 5:

Continue to enforce the Illicit Discharge and Connection Ordinance.

Go to Additional Pages

C.3 Detection/Elimination Prioritization Plan

C.4 Illicit Discharge Tracing Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Illicit Discharge Tracing Procedures -- In the past five years the Village has implemented illicit discharge tracing procedures. The Village also has a 2 year agreement with the Buffalo Creek Clean Water Partnership for monitoring (BCCWP).

Measurable Goals, including frequencies:

Annually trace all illicit discharges detected by resident reporting and by Village employees.

Milestones:

Year 1:

Continue tracing illicit discharges with input from BCCWP

Year 2:

Continue tracing illicit discharges with input from BCCWP

Year 3:

Continue tracing illicit discharges.

Year 4:

Continue tracing illicit discharges.

Year 5:

Continue tracing illicit discharges.

Go to Additional Pages

C.5 Illicit Source Removal Procedures (You may need to go to the next page to fill in this information)

Illicit Source Removal Procedures -- In the past five years the Village has implemented illicit source removal procedures. The Village also has a 2 year agreement with the Buffalo Creek Clean Water Partnership for monitoring (BCCWP).

Measurable Goals, including frequencies:

Annually remove all illicit discharges detected by resident reporting and by Village employees.

Milestones:

Year 1:

Continue removing illicit discharges with input from BCCWP

Year 2:

Continue removing illicit discharges with input from BCCWP

Year 3:

Continue removing illicit discharges.

Year 4:

Continue removing illicit discharges.

Year 5:

Continue removing illicit discharges.

Go to Additional Pages

- C.6 Program Evaluation and Assessment
- C.7 Visual Dry Weather Screening (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Visual Dry Weather Screening -- In the past five years the Village has implemented a dry weather screening program, in which each outfall has been inventoried and numbered The Village also has a 2 year agreement with the Buffalo Creek Clean Water Partnership for monitoring (BCCWP).

Measurable Goals, including frequencies:

Annual perform dry weather screening to detect illicit discharges.

Milestones:

Year 1:

Continue to detect illicit discharges with input from BCCWP

Year 2:

Continue to detect illicit discharges with input from BCCWP

Year 3:

Continue to detect illicit discharges.

Year 4:

Continue to detect illicit discharges.

Year 5:

Continue to detect illicit discharges.

Go to Additional Pages

- C.8 Pollutant Field Testing
- C.9 Public Notification

D. Construction Site Runoff Control

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

D.1 Regulatory Control Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Regulatory Control Program -- In the past five years the Village has adopted amendments to its ordinance to meet permit requirements.

Measurable Goals, including frequencies:

Enforce the existing ordinances

Milestones:

Year 1:

Continue to enforce existing ordinances.

Year 2:

Continue to enforce existing ordinances.

Year 3:

Continue to enforce existing ordinances.

Year 4:

Continue to enforce existing ordinances.

Year 5:

Continue to enforce existing ordinances.

Go to Additional Pages

D.2 Erosion and Sediment Control BMPs (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Erosion and Sediment Control BMPs -- In the past five years the Village has adopted amendments to its ordinance to meet permit requirements.

Measurable Goals, including frequencies:

Enforce the existing ordinances.

Milestones:

Year 1:

Continue to enforce existing ordinances.

Year 2:

Continue to enforce existing ordinances.

Year 3:

Continue to enforce existing ordinances.

Year 4:

Continue to enforce existing ordinances.

Year 5:

Continue to enforce existing ordinances.

Go to Additional Pages

D.3 Other Waste Control Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Other Waste Control Program -- In the past five years the Village has adopted amendments to its ordinance to meet permit requirements.

Measurable Goals, including frequencies:

Enforce the existing ordinances.

Milestones:

Year 1:

Continue to enforce existing ordinances.

Year 2:

Continue to enforce existing ordinances.

Year 3:

Continue to enforce existing ordinances.

Year 4:

Continue to enforce existing ordinances.

Year 5:

Continue to enforce existing ordinances.

Go to Additional Pages

D.4 Site Plan Review Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Site Plan Review Procedures -- In the past five years the Village has adopted amendments to its ordinance to meet permit requirements.

Measurable Goals, including frequencies:

Enforce the existing ordinances.

Milestones:

Year 1:

Continue to enforce existing ordinances.

Year 2:

Continue to enforce existing ordinances.

Year 3:

Continue to enforce existing ordinances.

Year 4:

Continue to enforce existing ordinances.

Year 5:

Continue to enforce existing ordinances.

Go to Additional Pages

- D.5 Public Information Handling Procedures
- D.6 Site Inspection/Enforcement Procedures (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Site Inspection/Enforcement Procedures -- In the past five years the Village has adopted amendments to its ordinance to meet permit requirements.

Measurable Goals, including frequencies:

Enforce the existing ordinances.

Milestones:

Year 1:

Continue to enforce existing ordinances.

Year 2:

Continue to enforce existing ordinances.

Year 3:

Continue to enforce existing ordinances.

Year 4:

Continue to enforce existing ordinances.

Year 5:

Continue to enforce existing ordinances.

Go to Additional Pages

- D.7 Other Construction Site Runoff Controls

Qualifying Local Programs:

[Empty box for Qualifying Local Programs]

Measurable Goals (include shared responsibilities)

- E.1 Community Control Strategy
- E.2 Regulatory Control Program

Brief Description of BMP:

E.2/E.3/E.4/E.5/E.6/E.7 The Village requires long-term Operation and Maintenance Plans in accordance with the County Ordinance and has the authority to ensure the long-term operation and maintenance of privately owned BMPs in cases where they are not being maintained by the property owner. The Village also reviews BMP designs prior to construction and inspects sites during and after construction. The Village will begin developing and implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Climate change involves more frequent high intensity rainfall, which leads to increased runoff and erosion. An increase in runoff and erosion can be offset by constructing more BMPs (such as turf reinforced mats), installing more drought tolerant plants, and installing larger storm sewers capable of conveying the increased runoff due to climate change. Information on climate change may be found at the following website link: <http://www.epa.gov/climatechange/>.

Measurable Goals, including frequencies:

The Village will continue enforcing the County Ordinance and the Village Code. The Village will begin developing and implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.

Milestones:

Year 1:

The Village will continue enforcing the County Ordinance and the Village Code. The Village will begin developing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.

Year 2:

The Village will continue enforcing the County Ordinance and the Village Code. The Village will continue developing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.

Year 3:

The Village will continue enforcing the County Ordinance and the Village Code. The Village will begin implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.

Year 4:

The Village will continue enforcing the County Ordinance and the Village Code. The Village will continue implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.

Year 5:

The Village will continue enforcing the County Ordinance and the Village Code. The Village will continue implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.

[Go to Additional Pages](#)

- 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 (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Water quality monitoring must include not only visual inspections of stormwater outfalls but also sampling of various waterbodies throughout Village limits. This sampling of various waterbodies may include in-stream monitoring, sediment monitoring, outfall/discharge monitoring, or BMP performance monitoring and must be performed within 48 hours of a precipitation event greater than or equal to one quarter inch in a 24-hour period. At a minimum, the monitoring shall include the following parameters: total suspended solids, total nitrogen, total phosphorous, fecal coliform, chlorides, and oil and grease.

The Village will also begin developing a process for assessment of flood control projects for potential climate change impacts. Climate change involves more frequent high intensity rainfall, which leads to increased runoff and erosion. An increase in runoff and erosion can be offset by constructing more BMPs (such as turf reinforced mats), installing more drought tolerant plants, and installing larger storm sewers capable of conveying the increased runoff due to climate change. Information on climate change may be found at the following website link: <http://www.epa.gov/climatechange/>.

Measurable Goals, including frequencies:

The Village will identify and begin a water quality monitoring program. The Village will begin developing and implementing a process to assess the impacts of global climate change in the design of all new and retrofit flood management projects. The Village will begin developing a process to assess flood control projects for the impacts associated with global climate change. Information on climate change may be found here: <http://www.epa.gov/climatechange/>.

Milestones:

Year 1:

The Village will identify and begin a Monitoring Program. The Village will begin developing a process to assess flood control projects for the impacts associated with climate change.

Year 2:

The Village will identify and begin a Monitoring Program. The Village will begin developing a process to assess flood control projects for the impacts associated with climate change.

Year 3:

The Village will identify and begin a Monitoring Program. The Village will begin developing a process to assess flood control projects for the impacts associated with climate change.

Year 4:

The Village will identify and begin a Monitoring Program. The Village will begin developing a process to assess flood control projects for the impacts associated with climate change.

Year 5:

The Village will identify and begin a Monitoring Program. The Village will begin developing a process to assess flood control projects for the impacts associated with climate change.

Go to Additional Pages

F. Pollution Prevention/Good Housekeeping

Measurable Goals (include shared responsibilities)

Qualifying Local Programs:

[Empty box for Qualifying Local Programs]

F.1 Employee Training Program (You may need to go to the next page to fill in this information)

Employee Training Program -- In the past five years Village employees have been regularly trained regarding stormwater pollution prevention, however, the training has occurred without a formal program.

Measurable Goals, including frequencies:

Formalize stormwater pollution prevention training for Village employees. Annually conduct formal stormwater pollution prevention training for Village employees.

Milestones:

Year 1:

Continue annual employee training and continue to formalize a stormwater pollution prevention training program for Village employees.

Year 2:

Continue formal stormwater pollution prevention training for City employees.

Year 3:

Continue formal stormwater pollution prevention training for City employees.

Year 4:

Continue formal stormwater pollution prevention training for City employees.

Year 5:

Continue formal stormwater pollution prevention training for City employees.

Go to Additional Pages

F.2 Inspection and Maintenance Program (You may need to go to the next page to fill in this information)

Brief Description of BMP:

Inspection and Maintenance Program -- In the past five years the Village has incorporated a formalized program for inspection and maintenance of its facilities and infrastructure.

Measurable Goals, including frequencies:

Continue to conduct formal maintenance and inspection and evaluate the effectiveness of the program and update as needed.

Milestones:

Year 1:

Continue conducting formal inspection and maintenance. Review the program for effectiveness and update the program as needed.

Year 2:

Continue conducting formal inspection and maintenance. Review the program for effectiveness and update the program as needed.

Year 3:

Continue conducting formal inspection and maintenance. Review the program for effectiveness and update the program as needed.

Year 4:

Continue conducting formal inspection and maintenance. Review the program for effectiveness and update the program as needed.

Year 5:

Continue conducting formal inspection and maintenance. Review the program for effectiveness and update the program as needed.

Go to Additional Pages

Brief Description of BMP:

The Village has incorporated a formalized program to prevent stormwater pollution from municipal operations. The Village currently stores deicing material in a permanent building. The Village will continue to store deicing material in this manner.

Measurable Goals, including frequencies:

Continue to conduct a formalized program to prevent stormwater pollution from municipal operations. The Village will continue storing deicing material in a permanent building.

Milestones:

Year 1:

Continue to conduct a formalized program to prevent stormwater pollution from municipal operations. The Village will continue storing deicing material in a permanent building.

Year 2:

Continue to conduct a formalized program to prevent stormwater pollution from municipal operations. The Village will continue storing deicing material in a permanent building.

Year 3:

Continue to conduct a formalized program to prevent stormwater pollution from municipal operations. The Village will continue storing deicing material in a permanent building.

Year 4:

Continue to conduct a formalized program to prevent stormwater pollution from municipal operations. The Village will continue storing deicing material in a permanent building.

Year 5:

Continue to conduct a formalized program to prevent stormwater pollution from municipal operations. The Village will continue storing deicing material in a permanent building.

Go to Additional
Pages

F.4 Municipal Operations Waste Disposal

F.5 Flood Management/Assess Guidelines

F.6 Other Municipal Operations Controls (You may need to go to the next page to fill in this information)

The Village will begin participating with the Buffalo Creek Clean Water partnership in the upcoming future, to assist with the reduction in chloride levels in receiving streams within the watershed.

Measurable Goals, including frequencies:

Participate, with the BCCWP in order to assist with the reduction in chloride levels in receiving streams within the watershe

Milestones:

Year 1:

Participating with the BCCWP in efforts to assist with the reduction in chloride levels in receiving streams.

Year 2:

Continue participating with the BCCWP to assist with the reduction in chloride levels in receiving streams.

Year 3:

Continue participating with the BCCWP to assist with the reduction in chloride levels in receiving streams.

Year 4:

Continue participating with the BCCWP to assist with the reduction in chloride levels in receiving streams.

Year 5:

Continue participating with the BCCWP to assist with the reduction in chloride levels in receiving streams.

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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)).

Jeff Wolfgram

Utility Superintendent

May 31, 2016

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

B. Public Participation/Involvement

BMP Number _____

Add Another BMP

Delete Last Entry

Additional Info - Page 3

C. Illicit Discharge Detection and

BMP Number _____

Add Another BMP

Delete Last Entry

D. Construction Site Runoff Control

BMP Number _____

Add Another BMP

Delete Last Entry

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E. Post-Construction Runoff Control

BMP Number _____

Add Another BMP

Delete Last Entry

F. Pollution Prevention/Good

BMP Number _____

Add Another BMP

Delete Last Entry