

**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
ANNUAL FACILITY INSPECTION REPORT
NPDES PERMIT FOR STORM WATER DISCHARGES
FROM MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)**

Complete each section of this report.

REPORT PERIOD:	FROM: MARCH 2019	TO: MARCH 2020
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MS4 OPERATOR INFORMATION: (As it appears on the current permit)

NAME: Village of Shorewood	TELEPHONE NUMBER: (815) 725-2150	
MAILING ADDRESS: One Towne Center Blvd.		
CITY: Shorewood	STATE: IL	ZIP: 60404
CONTACT PERSON: Jim Culotta (Person responsible for Annual Report)		

NAME(S) OF GOVERNMENTAL ENTITY(IES) IN WHICH MS4 IS LOCATED: (As it appears on the current permit)

Will County	

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. CHANGES TO BEST MANAGEMENT PRACTICES (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

1. Public Education and Outreach	<input type="checkbox"/>	4. Construction Site Runoff Control	<input type="checkbox"/>
2. Public Participation/Involvement	<input type="checkbox"/>	5. Post-Construction Runoff Control	<input type="checkbox"/>
3. Illicit Discharge Detection & Elimination	<input type="checkbox"/>	6. Pollution Prevention/Good Housekeeping	<input type="checkbox"/>

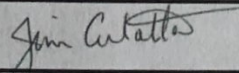
B.
Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

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

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

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

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

SIGNATURE: 	DATE: May 26, 2020
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Information required by this form must be provided to comply with 415 ILCS 5/39 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

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Part A. Changes to Best Management Practices

Note: X indicates BMPs performed that were proposed in your NPDES permit
 ✓ indicates changes to BMPs proposed in your NPDES permit

Year 16	Year 17	Year 18	Year 19	Year 20	
MS4					
A. Public Education and Outreach					
X	X	X	X	X	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
X	X	X	X	X	B.2 Educational Volunteer
					B.3 Stakeholder Meeting
					B.4 Public Hearing
					B.5 Volunteer Monitoring
X	X	X	X	X	B.6 Program Coordination
X	X	X	X	X	B.7 Other Public Involvement
C. Illicit Discharge Detection and Elimination					
X	X	X	X	X	C.1 Storm Sewer Map Preparation
X	X	X	X	X	C.2 Regulatory Control Program
					C.3 Detection/Elimination Prioritization Plan
X	X	X	X	X	C.4 Illicit Discharge Tracing Procedures
X	X	X	X	X	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

Year 16	Year 17	Year 18	Year 19	Year 20	
MS4					
D. Construction Site Runoff Control					
X	X	X	X	X	D.1 Regulatory Control Program
X	X	X	X	X	D.2 Erosion and Sediment Control BMPs
X	X	X	X	X	D.3 Other Waste Control Program
X	X	X	X	X	D.4 Site Plan Review Procedures
					D.5 Public Information Handling Procedures
X	X	X	X	X	D.6 Site Inspection/Enforcement Procedures
					D.7 Other Construction Site Runoff Controls
E. Post-Construction Runoff Control					
					E.1 Community Control Strategy
X	X	X	X	X	E.2 Regulatory Control Program
X	X	X	X	X	E.3 Long Term O&M Procedures
X	X	X	X	X	E.4 Pre-Const Review of BMP Designs
X	X	X	X	X	E.5 Site Inspections During Construction
X	X	X	X	X	E.6 Post-Construction Inspections
					E.7 Other Post-Const Runoff Controls
F. Pollution Prevention/Good Housekeeping					
X	X	X	X	X	F.1 Employee Training Program
X	X	X	X	X	F.2 Inspection and Maintenance Program
X	X	X	X	X	F.3 Municipal Operations Storm Water Control
X	X	X	X	X	F.4 Municipal Operations Waste Disposal
					F.5 Flood Management/Assess Guidelines
					F.6 Other Municipal Operations Controls

Part B. Status of Compliance with Permit Conditions

(Provide the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the maximum extent practicable [MEP], and your identified measurable goals for each of the minimum control measures.)

The status of BMPs and measurable goals performed in Year 17 are described below.

1. Public Education and Outreach

The Village of Shorewood (Village) committed to conduct Public Education and Outreach as part of its permit. Public Education and Outreach requires implementation of a program to distribute educational material to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants to stormwater runoff. The Village committed to implementation of BMPs related to A.1. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. A1 – Distributed Educational Material

Brief Description of BMP: The Village will continue to provide the residents with stormwater articles or related materials in the utility bills on a semi-annual basis.

2. Public Participation/Involvement

The Village committed to performing activities and services related to the Public Participation/Involvement minimum control measure under BMP numbers B.2, B.5, and B.7. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. B.2, B.5, B.7 – Educational Volunteer, Program Coordination, and Other Public Involvement

Brief Description of BMP: The Village of Shorewood coordinates with the DuPage River Coalition (DRC) RiverSweep program for stream enhancement activities along the DuPage River annually.

BMP No. B7 – Other Public Involvement

Brief Description of BMP: The Village of Shorewood provides a contact number for Village residents to use to report storm water related issues, including illegal dumping into storm drains, wastes and/or sediment discharge from construction sites, and storm sewer maintenance issues.

3. Illicit Discharge Detection and Elimination

The Village committed to perform some activities related to the Illicit Discharge Detection and Elimination minimum control under BMP numbers C.1, C.2, C.4, C.5 and C.7. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. C1 – Storm Sewer Map Preparation

Brief Description of BMP: The Village will update the storm sewer atlas to reflect the latest development.

BMP No. C2 – Regulatory Control Program

Brief Description of BMP: The Village will continue to review the Code and update its program as necessary to effectively detect and eliminate illicit discharges in compliance with NPDES requirements.

BMP No. C4 – Illicit Discharge Tracing Procedures

Brief Description of BMP: The Village conducts dry weather screening of outfalls on an annual basis to inspect storm sewers for illicit discharges and provide preventative maintenance of storm sewer outfalls.

BMP No. C5 – Illicit Source Removal Procedures

Brief Description of BMP: The Village will continue the existing program and review the procedures as needed authorize the removal of illicit discharges from the storm sewer system.

BMP No. C.6

Brief Description of BMP: The Village Public Works Department regularly assess their NPDES program to determine the effectiveness of the BMPs selected to meet the specified goals for overall compliance.

BMP No. C7 – Visual Dry Weather Screening

Brief Description of BMP: The Village dry weather screening program consists of annual inspection of all outfalls and screening of manholes, catch basins and inlets during routine maintenance inspections.

BMP No. C.10

Brief Description of BMP: The Village Public Works Department performs regular monitoring activities of the receiving waters that receive discharges from MS4 outfalls.

4. Construction Site Runoff Control

The Village committed to performing activities and services related to the Construction Site Runoff Control minimum control measure under BMP numbers D.1, D.4 and D.6. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. D1/D2/D3/D4/D6 – Regulatory Control Program, Erosion and Sediment Control BMPs, Other Waste Control Program, Site Plan Review Procedures, Site Inspection/Enforcement Procedures

Brief Description of BMP: The Village will continue its current program to regulate construction site runoff. The Village will also review and update the Code for conformance with the requirements of the NPDES. The Village procedures for site plan review and site inspection during construction will be reviewed and updated as needed.

5. Post-Construction Runoff Control

The Village committed to performing activities and services related to the Post-Construction Site Runoff Control minimum control measure under BMP numbers E.2 and E.4. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. E2/E3/E4/E5/E6 – Regulatory Control Program, Long Term O&M Procedures, Pre-Construction Review of BMP Designs, Site Inspections During Construction, Post Construction Inspections

Brief Description of BMP: The Village Code includes requires all regulated construction sites discharging into the Village storm sewer system to have post-construction management that meets or exceeds the requirements of Section IV (D) (2) (b) of NPDES permit No. ILR10 including management practices, controls, and other provisions.

6. Pollution Prevention/Good Housekeeping

This minimum control measure involves the development and implementation of an operation and maintenance program to reduce the discharge of pollutants from municipal operations. This program must include a training program for municipal employees. The Village committed to perform activities for BMP numbers F.1, F.2 and F.3. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. F1 – Employee Training Program

Brief Description of BMP: The Village currently conducts regular employee training for municipal operations and safety and has prepared a formal training program to educate staff on prevention and reduction of storm water pollution from municipal activities. The goal of the program is to address activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction and land disturbances, storm water system maintenance procedures for proper disposal of street cleaning debris and catch basin materials, and ways that flood management projects impact water quality, nonpoint source pollution control, and aquatic habitat. This program addresses the hazards associated with illegal discharges and improper disposal of waste. The Village will continue the current employee training and will modify it as needed to meet the requirements of the NPDES program.

BMP No. F2 – Inspection and Maintenance Program

Brief Description of BMP: The Village has an inspection and maintenance program that is designed to reduce pollutant runoff from municipal operations. The Village currently performs catch basin cleaning and street sweeping activities with a vacuum street sweeper. Public works employees walk drainage ditches approximately two times per year to remove obstructions and repair eroded areas. The Village owns and operates a “vactor” that allows the Village to jet clean storm sewers when necessary and/or upon request from residents. The Village also maintains a small number of detention basins by mowing the basins, removing garbage and clearing spillways, inlets and outlets periodically. This maintenance program will be continued and evaluated on an annual basis to determine its effectiveness in reducing pollutant runoff.

BMP No. F3/F4 – Muni Operations Storm Water Control, Municipal Operations Waste Disposal

Brief Description of BMP: The Village currently has many operational policies designed to prevent storm water pollution associated with municipal operations. Road salt is stored on a paved surface and covered to protect it from precipitation. The Village stores diesel fuel and gasoline for its vehicles in tanks with vault containment below them. Flammable and hazardous chemicals are stored in metal cabinets. Used vehicle oil is stored in a holding tank and periodically hauled away by a waste disposal service. Catch basin and street sweeping wastes are hauled to the Village’s garbage collection service for disposal. Maintenance and washing of the Village’s public works vehicles is performed in the public works garage or similar facility. The existing policies described above will be continued and may be incorporated into a formal Municipal Pollution Prevention Program. Policies regarding storage of municipal construction and street sweeping wastes, and spill prevention and clean-up procedures are also included in the program. These programs will be evaluated on a regular basis to determine its effectiveness and modified as necessary to meet the requirements of the NPDES program.

Part C. Information and Data Collection Results

(Provide information and water quality sampling/monitoring data related to illicit discharge detection and elimination collected during the reporting period.)

No information or data was collected during Year 17.

Part D. Summary of Year 18 Stormwater Activities

(Present a summary of the storm water activities you plan to undertake during the next reporting cycle, including an implementation schedule in the sections following the table.)

The table shown below summarizes the BMPs committed to for the next NPDES permitting cycle. Specific BMPs and measurable goals for future development activities are presented in the sections following the table.

Note: X indicates BMPs committed to for Year 18.

Year 18	
MS4	
A. Public Education and Outreach	
X	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
X	B.2 Educational Volunteer
	B.3 Stakeholder Meeting
	B.4 Public Hearing
X	B.5 Volunteer Monitoring
X	B.6 Program Coordination
X	B.7 Other Public Involvement
C. Illicit Discharge Detection and Elimination	
X	C.1 Storm Sewer Map Preparation
X	C.2 Regulatory Control Program
X	C.3 Detection/Elimination Prioritization Plan
X	C.4 Illicit Discharge Tracing Procedures
X	C.5 Illicit Source Removal Procedures
X	C.6 Program Evaluation and Assessment
	C.7 Visual Dry Weather Screening
	C.8 Pollutant Field Testing
	C.9 Public Notification
X	C.10 Other Illicit Discharge Controls

Year 18	
MS4	
D. Construction Site Runoff Control	
X	D.1 Regulatory Control Program
X	D.2 Erosion and Sediment Control BMPs
	D.3 Other Waste Control Program
X	D.4 Site Plan Review Procedures
	D.5 Public Information Handling Procedures
X	D.6 Site Inspection/Enforcement Procedures
	D.7 Other Construction Site Runoff Controls
E. Post-Construction Runoff Control	
	E.1 Community Control Strategy
X	E.2 Regulatory Control Program
	E.3 Long Term O&M Procedures
X	E.4 Pre-Const Review of BMP Designs
X	E.5 Site Inspections During Construction
X	E.6 Post-Construction Inspections
	E.7 Other Post-Const Runoff Controls
F. Pollution Prevention/Good Housekeeping	
X	F.1 Employee Training Program
X	F.2 Inspection and Maintenance Program
X	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

1. Public Education and Outreach

The Village is committing to conduct Public Education and Outreach as part of its permit. Public Education and Outreach requires implementation of a program to distribute educational material to the community or conduct equivalent outreach activities about the impacts of storm water discharges on water bodies and the steps that the public can take to reduce pollutants to stormwater runoff. The Village commits to implementation of BMPs related to A.1 as described below.

BMP No. A1

Brief Description of BMP: The Village will continue to provide the residents with stormwater articles or related materials in the utility bills on a semi-annual basis.

Measurable Goal(s), including frequencies: Include stormwater articles or similar information in resident utility bills semi-annually.

Milestones: Years 16-20: Continue to include stormwater information in the resident utility bills.

2. Public Participation/Involvement

The Village will perform activities and services related to the Public Participation/Involvement minimum control measure. BMPs will be implemented under BMP number B.7 as described below.

BMP No. B.2, B.5, B.7

Brief Description of BMP: The Village of Shorewood coordinates with the DuPage River Coalition (DRC) RiverSweep program for stream enhancement activities along the DuPage River annually.

Measurable Goal(s), including frequencies: Provide organized cleanup of the DuPage River

Milestones: Years 16-20: The Village will continue to coordinate with the DRC to perform annual DuPage River stream enhancement activities.

BMP No. B7

Brief Description of BMP: The Village of Shorewood provides a contact number for Village residents to use to report storm water related issues, including illegal dumping into storm drains, wastes and/or sediment discharge from construction sites, and storm sewer maintenance issues.

Measurable Goal(s), including frequencies: Inform all residents of the existence of contact number by publishing it in newspaper or utility bills.

Milestones: Years 16-20: The Village will continue to provide and advertise the hotline number.

3. Illicit Discharge Detection and Elimination

The Village commits to performing some activities related to the Illicit Discharge Detection and Elimination minimum control. BMPs will be implemented under BMP numbers C.1, C.2, C.4, C.5, C.6, C.7 and C.10 as described below.

BMP No. C1

Brief Description of BMP: The Village will update the storm sewer atlas to reflect the latest development.

Measurable Goal(s), including frequencies: The Village Public Works Department will update the storm sewer atlas to reflect the latest developments in the Village.

Milestones: Years 16-20: Update the storm sewer atlas to reflect new development.

BMP No. C2

Brief Description of BMP: The Village will continue to review the Code and update its program as necessary to effectively detect and eliminate illicit discharges in compliance with NPDES requirements.

Measurable Goal(s), including frequencies: The Village will continue to review the illicit discharge detection and elimination program and the Code for compliance with NPDES requirements future years General Permit.

Milestones: Years 16-20: The Village will review its program and Code and revise as needed.

BMP No. C4

Brief Description of BMP: The Village conducts dry weather screening of outfalls on an annual basis to inspect storm sewers for illicit discharges and provide preventative maintenance of storm sewer outfalls.

Measurable Goal(s), including frequencies: Inspect storm sewer outfalls and investigate illicit discharges identified.

Milestones: Years 16-20: Continue inspections and develop procedures to identify and enforce illicit discharge.

BMP No. C5

Brief Description of BMP: The Village will continue the existing program and review the procedures as needed authorize the removal of illicit discharges from the storm sewer system.

Measurable Goal(s), including frequencies: Disconnect any illicit discharge source that can be identified through the tracing program.

Milestones: Years 16-20: Continue current program and review procedures as needed for updates to authorize the removal of illicit discharges.

BMP No. C.6

Brief Description of BMP:

The Village Public Works Department regularly assess their NPDES program to determine the effectiveness of the BMPs selected to meet the specified goals for overall compliance.

Measurable Goal(s), including frequencies:

The goal of this program is to evaluate the appropriateness of the BMPs selected for the NPDES program in meeting the goals necessary to maintain compliance.

Milestones: Years 16-20: The Village will continue the yearly evaluation of its NPDES program and BMPs selected for effectiveness in meeting the specific measurable goals.

BMP No. C7

Brief Description of BMP: The Village dry weather screening program consists of annual inspection of all outfalls and screening of manholes, catch basins and inlets during routine maintenance inspections.

Measurable Goal(s), including frequencies: Annual screening of all outfalls to identify any illicit discharges. Screening of storm sewer structures including manholes, catch basins, and inlets during routine maintenance.

Milestones: Years 16-20: The Village will continue annual inspection of outfalls and routine inspection of catch basins, manholes and inlets.

BMP No. C.10

Brief Description of BMP:

The Village Public Works Department performs regular monitoring activities of the receiving waters that receive discharges from MS4 outfalls.

Measurable Goal(s), including frequencies:

The goal of this program is to monitor the receiving waters for potential illicit discharges from the MS4.

Milestones: Years 16-20: The Public Works Department will continue to monitor the receiving waters upstream and downstream of the MS4 discharge points.

4. Construction Site Runoff Control

The Village will perform activities and services related to the Construction Site Runoff Control minimum control measure. BMPs will be implemented under BMP numbers D.1, D.2, D.3, D.4 and D.6 as described below.

BMP No. D1/D2/D3/D4/D6

Brief Description of BMP: The Village will continue its current program to regulate construction site runoff. The Village will also review and update the Code for conformance with the requirements of the NPDES. The Village procedures for site plan review and site inspection during construction will be reviewed and updated as needed.

Measurable Goal(s), including frequencies: Provide an effective vehicle to control construction site runoff.

Milestones: Year 16-20: The Village will continue the current program and will review the Code and review, inspection, and enforcement procedures. These will be revised as needed to make sure that the Village procedures for review, inspection, and enforcement of stormwater pollution control measures are in continual conformance with the NPDES.

5. Post-Construction Runoff Control

The Village will perform activities and services related to the Post-Construction Site Runoff Control minimum control measure. BMPs will be implemented under BMP numbers E.2, E.3, E.4, E.5 and E.6 as described below.

BMP No. E2/E3/E4/E5/E6

Brief Description of BMP: The Village Code includes requires all regulated construction sites discharging into the Village storm sewer system to have post-construction management that meets or exceeds the requirements of Section IV (D) (2) (b) of NPDES permit No. ILR10 including management practices, controls, and other provisions.

Measurable Goal(s), including frequencies: The Village will continue to enforce the Code and programs in place to monitor construction site runoff control.

Milestones: Years 16-20: The Village will enforce the Code and review the program as needed for compliance with the NPDES program.

6. Pollution Prevention/Good Housekeeping

This minimum control measure involves the development and implementation of an operation and maintenance program to reduce the discharge of pollutants from municipal operations. This program must include a training program for municipal employees. The Village will perform BMPs under BMP numbers F.1, F.2, F.3 and F.4 as described below.

BMP No. F1

Brief Description of BMP: The Village currently conducts regular employee training for municipal operations and safety and has prepared a formal training program to educate staff on prevention and reduction of storm water pollution from municipal activities. The goal of the program is to address activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction and land disturbances, storm water system maintenance procedures for proper disposal of street cleaning debris and catch basin materials, and ways that flood management projects impact water quality, nonpoint source pollution control,

and aquatic habitat. This program addresses the hazards associated with illegal discharges and improper disposal of waste. The Village will continue the current employee training and will modify it as needed to meet the requirements of the NPDES program.

Measurable Goal(s), including frequencies: Conduct annual employee training to educate staff on prevention and reduction of storm water pollution from municipal activities.

Milestones: Years 16-20: The Village will continue to review and revise the existing programs as needed.

BMP No. F2

Brief Description of BMP: The Village has an inspection and maintenance program that is designed to reduce pollutant runoff from municipal operations. The Village currently performs catch basin cleaning and street sweeping activities with a vacuum street sweeper. Public works employees walk drainage ditches approximately two times per year to remove obstructions and repair eroded areas. The Village owns and operates a “vactor” that allows the Village to jet clean storm sewers when necessary and/or upon request from residents. The Village also maintains a small number of detention basins by mowing the basins, removing garbage and clearing spillways, inlets and outlets periodically. This maintenance program will be continued and evaluated on an annual basis to determine its effectiveness in reducing pollutant runoff.

Measurable Goal(s), including frequencies: The Village will continue the current program and continually review the inspection and maintenance program to determine effectiveness.

Milestones: Years 16-20: The Village will continue the current program and continually review the inspection and maintenance program to determine effectiveness.

BMP No. F3/F4

Brief Description of BMP: The Village currently has many operational policies designed to prevent storm water pollution associated with municipal operations. Road salt is stored on a paved surface and covered to protect it from precipitation. The Village stores diesel fuel and gasoline for its vehicles in tanks with vault containment below them. Flammable and hazardous chemicals are stored in metal cabinets. Used vehicle oil is stored in a holding tank and periodically hauled away by a waste disposal service. Catch basin and street sweeping wastes are hauled to the Village’s garbage collection service for disposal. Maintenance and washing of the Village’s public works vehicles is performed in the public works garage or similar facility. The existing policies described above will be continued and may be incorporated into a formal Municipal Pollution Prevention Program. Policies regarding storage of municipal construction and street sweeping wastes, and spill prevention and clean-up procedures are also included in the program. These programs will be evaluated on a regular basis to determine its effectiveness and modified as necessary to meet the requirements of the NPDES program.

Measurable Goal(s), including frequencies: The Village will continue the current program and review these policies and revise as necessary into a formal Municipal Pollution Prevention Plan.

Milestones: Years 16-20: The Village will continue the programs in place and review and revise as necessary.

Part E. Notice of Qualifying Local Program

The Village of Shorewood Comprehensive Plan (Plan), Village Code (Code), Will County Ordinances and the Village of Shorewood Park Public Works Department projects are considered Qualifying Local Programs (QLPs) that count towards satisfying the requirements of the six minimum control measures. Listed below is a summary of the activities performed by the QLPs during Year 17. In general, all activities performed by the QLPs during Year 17 will be continued in subsequent years.

1. Public Education and Outreach:

BMP No. A.1 – Distributed Paper Material

Brief Description of BMP:

The Village of Shorewood provides messages or inserts related to water quality or stormwater management in resident's utility bills on a semi-annual basis. The goal of this program is to provide residents and businesses educational information on the impacts of storm water discharges on local water bodies, the steps that the public can take to reduce pollutants in storm water discharge, and the hazards associated with illegal discharges and improper waste disposal.

2. Public Participation/Involvement:

BMP No. B.2, B.6, B.7 – Educational Volunteer, Program Coordination, Other Public Involvement

Brief Description of BMP:

The Village of Shorewood coordinates with the DuPage River Coalition (DRC) RiverSweep program for stream enhancement activities along the DuPage River annually. The Village will continue to participate in the program and will work to raise awareness of the event within the community.

BMP No. B7 – Other Public Involvement

The Village of Shorewood provides a contact number for Village residents to use to report storm water related issues, including illegal dumping into storm drains, wastes and/or sediment discharge from construction sites, and storm sewer maintenance issues.

3. Illicit Discharge Detection and Elimination:

BMP No. C1 – Storm Sewer Map Preparation

The Village has prepared a storm sewer map that shows the location of all outfalls to receiving streams. The Village will continue to update the storm sewer atlas to reflect new development

BMP No. C2 – Regulatory Control Program

The Village has developed procedures to address the reporting and elimination of illicit discharges. The Village will continue to update the Code to meet NPDES requirements related to prohibiting non-storm water discharges into the Village's storm sewer system, including enforcement and penalties for code violations.

BMP No. C4 – Illicit Discharge Tracing Procedures

The Village has developed procedures for tracing illicit discharges identified through a dry-weather screening program, regular storm sewer maintenance, and from public reporting. Illicit

discharge tracing procedures include visual inspection and dye testing and will be modified as needed to determine the source of illegal discharges within the Village. Illicit discharges determined to be beyond the technical expertise of the Public Works Department will be reported to the appropriate authorities including Will County Emergency Management Agency (WCEMA), the Illinois Environmental Protection Agency (IEPA) and/or the U.S. Environmental Protection Agency (USEPA). The Village will also continue to update the Code to meet the NPDES requirements regarding the tracing of illicit discharges.

BMP No. C5 – Illicit Discharge Removal Procedures

The Village of Shorewood has procedures for requiring the removal of illicit discharges identified through the illicit discharge tracing program. The goal of this measure is to provide the Village with the authority to require removal of identified and/or reported illicit discharge sources. The Village will also continue to update the Code to meet the NPDES requirements regarding the removal of illicit discharges.

BMP No. C7 – Visual Dry Weather Screening Program

The Village has developed a program to conduct annual dry weather screening of all outfalls to receiving waters. The primary goal of this measure is to visually identify any illicit discharges, but is also beneficial in helping the Village identify maintenance issues such as erosion or blockages. The Village's program includes photos and documentation for all outfall locations. The Village will continue this program and modify as needed to meet the NPDES requirements.

4. Construction Site Runoff Control:

BMP No. D1/D2/D3/D4/D6 – Construction Site Runoff Control

The Village has a regulatory control program to regulate runoff from construction sites. The Village Code requires soil erosion and sediment control measures to reduce pollutants in storm water runoff from construction activities. Specifically, the Code requires an erosion and sediment control plan, the control of wastes at construction sites that could cause adverse impacts to water quality, site plan review that considers water quality, site inspection and enforcement of control measures, and sanctions to ensure compliance. The Village has also developed and implemented procedures for site plan review and site inspection and enforcement of control measures that consider water quality. The procedures include the review of BMPs proposed for construction activities and inspection of the BMPs once installed in the field. The review and inspection procedures are documented by the Village. The Village will continue to update the Code to meet the NPDES requirements regarding construction site runoff control.

5. Post-Construction Runoff Control:

BMP No. E2/E3/E4/E5/E6 – Post-Construction Runoff Control

The Village has a regulatory control program to govern post-construction storm water runoff. The Village Code addresses volume and quality control for storm water runoff from finished development projects. Specifically, the Code requires controls to prevent or minimize water quality impacts, implementation of structural and non-structural BMPs, provisions for long-term operation and maintenance, pre-construction review by the Village of the site development plan, site inspections during construction, and post-construction inspections. The Village will continue to update the Code to meet the NPDES requirements regarding post-construction runoff control.

6. Pollution Prevention/Good Housekeeping:

BMP No. F1 – Employee Training Program

The Village currently conducts regular employee training for municipal operations and safety and has prepared a formal training program to educate staff on prevention and reduction of storm water pollution from municipal activities. The goal of the program is to address activities such as park and open space maintenance, fleet and building maintenance, operation of storage yards, snow disposal, new construction and land disturbances, storm water system maintenance procedures for proper disposal of street cleaning debris and catch basin materials, and ways that flood management projects impact water quality, nonpoint source pollution control, and aquatic habitat. This program addresses the hazards associated with illegal discharges and improper disposal of waste. The Village will continue the current employee training and will modify it as needed to meet the requirements of the NPDES program.

BMP No. F2 – Inspection and Maintenance Program

The Village has an inspection and maintenance program that is designed to reduce pollutant runoff from municipal operations. The Village currently performs catch basin cleaning and street sweeping activities with a vacuum street sweeper. Public works employees walk drainage ditches approximately two times per year to remove obstructions and repair eroded areas. The Village owns and operates a “vactor” that allows the Village to jet clean storm sewers when necessary and/or upon request from residents. The Village also maintains a small number of detention basins by mowing the basins, removing garbage and clearing spillways, inlets and outlets periodically. This maintenance program will be continued and evaluated on an annual basis to determine its effectiveness in reducing pollutant runoff.

BMP No. F3/F4 – Municipal Operations Stormwater Control, Municipal Operations Waste Disposal

The Village currently has many operational policies designed to prevent storm water pollution associated with municipal operations. Road salt is stored on a paved surface and covered to protect it from precipitation. The Village stores diesel fuel and gasoline for its vehicles in tanks with vault containment below them. Flammable and hazardous chemicals are stored in metal cabinets. Used vehicle oil is stored in a holding tank and periodically hauled away by a waste disposal service. Catch basin and street sweeping wastes are hauled to the Village’s garbage collection service for disposal. Maintenance and washing of the Village’s public works vehicles is performed in the public works garage or similar facility.

The existing policies described above will be continued and may be incorporated into a formal Municipal Pollution Prevention Program. Policies regarding storage of municipal construction and street sweeping wastes, and spill prevention and clean-up procedures are also included in the program. These programs will be evaluated on a regular basis to determine its effectiveness and modified as necessary to meet the requirements of the NPDES program.

