

Professional

Engineering

Services

SWMP for
NPDES
Municipal
Separate Storm
Sewer
System (MS4)
Compliance

Report

Village of
Indian Head Park, IL
April 2019





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April 30, 2019

Mr. John DuRocher, Village Administrator
Village of Indian Head Park
201 Acacia Drive
Indian Head Park, IL 60525

Re: Stormwater Management Program (SWMP) for Compliance with General National
Pollutant Discharge Elimination System (NPDES) Permit ILR-40

Dear Mr. DuRocher:

Enclosed is a bound document containing the Village of Indian Head Park (Village) SWMP and a Milestone Summary. Also included is the Notice of Intent submitted to Illinois Environmental Protection Agency. These documents provide a summary of the stormwater program to be implemented and monitored by the Village to enter into compliance with the NPDES Permit ILR-40 for municipal separate storm sewer systems, which is applicable to the Village.

Sincerely,

STRAND ASSOCIATES, INC.®

Anthony J. Spinelli, P.E., CFM

Enclosure: Village of Indian Head Park Stormwater Management Program and Milestone
Summary
Notice of Intent Submitted to Illinois Environmental Protection Agency

c/enc: Kyle O'Connor

Report for Indian Head Park, Illinois

Stormwater Management Program (SWMP) for
National Pollution Discharge Elimination System
(NPDES) Municipal Separate Storm Sewer System
(MS4) Compliance



Prepared by:

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INTRODUCTION

The Village of Indian Head Park, Illinois, (Village) is subject to the requirements of the Illinois Environmental Protection Agency's (IEPA) National Pollutant Discharge Elimination System (NPDES) Permit ILR-40 for Municipal Separate Storm Sewer Systems (MS4). This Stormwater Management Program (SWMP) presents the strategies and goals to be implemented by the Village for compliance with NPDES Permit ILR-40.

Each section of this report presents the minimum controls required to be included in the Village's SWMP. Each section also details the Best Management Practices (BMP) the Village will employ to satisfy the respective minimum control, the measurable goals to monitor achievement of each practice, and a schedule or frequency for implementation of each practice.

PUBLIC EDUCATION AND OUTREACH

The Village is required to implement a public education and outreach program through distribution of educational materials to the public to increase public understanding and awareness of the impact on stormwater discharges on water bodies. The key to a successful SWMP is an educated and active community that helps to prevent pollution at its source.

A. Distributed Paper Materials

1. BMP: The Village will procure information in the quarterly newsletter about stormwater, potential pollutants, and prevention of pollution entering the storm sewer system. Topics will include lawn and garden activities, water conservation practices, proper disposal of household hazardous wastes, pet waste management, and trash management. This information might also appear in the form of flyers, fact sheets, and posters.
2. Measurable Goal: Create a robust list of information useful to homeowners that can appear in the Village newsletter. Include information pertinent to the season (e.g., fertilizer management in the spring or deicing in the winter).
3. Schedule: The Village newsletter is distributed quarterly.

B. Public Service Announcement

1. BMP: The Village will use the local cable television channel to educate residents on stormwater management and air public service announcements.
2. BMP: The Village will create a specific Web page dedicated to stormwater and pollution prevention issues. The Web page will include any public service announcements concerning these topics.

3. Measurable Goal: Establish information to be used on the local cable television channel by the end of the third permit year. Make video of any public meetings concerning stormwater available online.
4. Measurable Goal: By the end of the third permit year, create a stormwater Web page that includes public service announcements.

C. Other Public Education

1. BMP: The Village will create a Web page providing information on stormwater management, including the SWMP, annual reports, and tools for residents. These tools will help residents become aware of and involved in the process of preventing pollution in their waterways (e.g., dewatering pools, disposing of vehicle fluids, carwash waste).
2. Measurable Goal: By the end of the third permit year, a stormwater Web page will be created. In following years, traffic to that Web page will be tracked and information on the page will be updated.

D. Climate Change Issues

BMP: The Village will include links to NASA climate change information on the newly created stormwater-related Web page. Occasionally, articles published in the Village Newsletter will feature information on how climate change and stormwater are interrelated.

PUBLIC INVOLVEMENT AND PARTICIPATION

This control is focused on continuing and increasing the participation of citizens to protect and care for their waters. This section describes the various Village programs that offer its residents and business owners opportunities to get involved in stormwater pollution prevention administration and activities.

A. Public Hearing

BMP: The Village Public Works Committee discusses stormwater issues at least once every year. Meetings are open to the public and meeting minutes are published online afterward.

B. Environmental Justice Assessment

BMP: The Village will perform an environmental justice assessment (EJA). The goal of the EJA will be to determine if there are any specific geographic areas that might warrant nuances to the SWMP (e.g., providing stormwater information to non-English speaking households). Furthermore, the EJA will help the Village better target underprivileged stakeholders to participate in planning and shaping future SWMPs and BMP placement.

C. Volunteer Monitoring

1. BMP: The Village maintains an online comment portal where residents can submit comments on anything, including stormwater-related matters. Going forward, the Village will include a link on the new stormwater Web page to specifically report stormwater and pollution violations and stormwater-related comments.
2. Measurable Goal: Track the number of reports that citizen volunteers provide on the Web site and the amount of time before the issue is resolved.

ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

This section presents the Village's efforts to find and remove illicit discharges into the stormwater system and open waterways. Using geographic information system (GIS) tools and various field-testing techniques, the Village intends to ensure that pollution contributors are identified and removed as quickly and with as little damage as possible.

A. Storm Sewer Map Preparation

1. BMP: The Village created a comprehensive map of its storm sewer system and will continue to update this map to stay current.
2. BMP: In subsequent permit years, mapping will include creeks and waterways receiving discharges from MS4 outfalls.
3. Measurable Goal: Each year, the Village will update the GIS mapping with any additions or modifications to the storm sewer system.
4. Measurable Goal: By the end of the fourth permit year, the Village will begin to include creeks and waterways in its storm sewer mapping.
5. Schedule: The Village will continuously update the storm system GIS mapping with new storm sewer and surface water information.

B. Regulatory Control Program

1. BMP: The Village's Municipal Code (Chapter 40, Article III, Division 3—Use of Public Sewers) prohibits illicit discharges into any public sewers including the storm sewer system.
2. BMP: The Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) Watershed Management Ordinance (WMO) applies to public discharges in the Village, and as such, the Village works to enforce the WMO.

3. BMP: The Village enacted a “right of entry” ordinance (§40-442) allowing for inspection of potential illicit discharges on private property. The code states that Village employees, IEPA employees, and United States Environmental Protection Agency employees can carry out such inspections.
4. Measurable Goal: The Village will review its Prohibited Discharges ordinance to verify current applicability and make any updates by the end of the permit cycle.

C. Detection and Elimination Prioritization Plan

1. BMP: The Village will create a comprehensive IDDE Plan. Staff will update the IDDE Plan on an annual basis incorporating new information from the last update. Of primary import will be updating priority outfalls into Flagg Creek within the Village’s jurisdiction.
2. Measurable Goal: By the end of the third permit year, the Village will create an IDDE Plan.
3. Measurable Goal: The Village will revise and update priority outfalls on an annual basis.

D. Illicit Discharge Tracing Procedures

1. BMP: The Village’s IDDE Plan will provide procedures for identifying and tracing illicit discharges. Staff will continually observe the drainage system and watch for potential illicit discharges.
2. Measurable Goal: Record annual implementation of the IDDE Plan and the results of tracing illicit discharges. Record details of the process employed and results.
3. Schedule: Implement the IDDE tracing procedures as determined to be necessary. Compile an annual report in December of each year.

E. Illicit Source Removal Procedures

1. BMP: Upon identification of the source of an illicit discharge, the Village will proceed with remediation and enforcement of removal through the applicable Village municipal codes (e.g., §40-445).
2. Measurable Goal: Maintain an annual record of implementation of the IDDE Plan, results of findings, remediation and removal action taken, and enforcement performed through elimination of the discharge.
3. Schedule: Compile an annual report in December of each year.

F. Visual Dry Weather Screening

1. BMP: The Village performs visual dry weather inspections of outfalls in summer months during dry weather. Once each year’s survey is complete, areas with suspicious

discharges will be further inspected to detect suspected direct connections to the wastewater system.

2. Measurable Goal: Record annual implementation of the dry weather screening process as part of the IDDE Plan. Record details of each process and results and include in the Annual Report.
3. Schedule: Perform visual dry weather inspections of plan-identified outfalls annually in the summer months during dry weather conditions.

G. Public Notification

1. BMP: The Village will provide information about the hazards associated with illegal discharges and improper disposal of wastes. Additionally, details of the adopted ordinance for non-storm discharges will also be published in the community newsletter that is distributed to local businesses and residents.
2. BMP: The Village will post signs along Flagg Creek alerting residents that dumping anything into the Creek is illegal and causes pollution; violators will be prosecuted.
3. Measurable Goal: Distribute information concerning illegal discharges and the adopted ordinance in two newsletters each year.

H. Program Evaluation and Assessment

1. BMP: The Village will continuously evaluate the efficacy of the IDDE Plan and implementation. Any modifications to the plan are made at the start of each new year.
2. Measurable Goal: Annually assess the IDDE Plan results and make modifications to the plan as necessary.
3. Schedule: Assess the annual report in December of each year and adopt modifications, if necessary, in the following January.

I. Other Illicit Discharge Controls

1. BMP: The Village tracks and remedies high risk sanitary sewer overflows (SSOs). Any SSOs will be documented and investigated promptly, as these overflows might result from infiltration or inflow of stormwater into the sanitary sewer lines.
2. BMP: The Village prepared a report detailing occurrence of SSOs and their remediation. The report was furnished and given to MWRDGC as part of a larger effort to decrease SSOs throughout the entire sewer system.
3. Measurable Goal: Maintain a log of reported and observed SSOs, should they occur.

CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Because large amounts of sediment, chemicals, and other water quality impacts can result from runoff of a construction site without proper management, this minimum control measure is a critical portion of the SWMP. The Village reviews all plans to make sure they comply with release rates and erosion protection measures. The Village requires installation of erosion control measures including filter fabric in structures, straw bales around structures, erosion control barrier around sites, stabilized construction entrances, and any other measures as deemed necessary by the Village administration. The Village also performs regular inspections on all open sites to ensure that erosion control measures are adequate, and the project is built to the required specifications.

A. Regulatory Control Program

1. BMP: The Village falls under the jurisdiction of MWRDGC concerning stormwater and must comply with the WMO. To that end, the Village has enacted ordinances that fulfill the requirements of the WMO and address the following issues:
 - a. Requirements for the proper control and disposal of construction associated wastes that might adversely impact the environment, such as discarded building materials, concrete truck washout, chemicals, and sanitary waste.
 - b. Requirements for all regulated construction sites to have a stormwater pollution prevention plan that meets the requirements of Part IV of NPDES Permit No. ILR-10, including management practices, control, and other provisions at least as protective as the requirements contained in Illinois Urban Manual, 2014.
 - c. Requirements for construction site operators to implement appropriate erosion and sediment control BMPs.

B. Erosion and Sediment Control BMPs

1. BMP: The Village will review potential construction site BMPs intended to reduce stormwater runoff and water quality degradation. Potential BMPs include land grading, diversions, preserving natural vegetation, reducing impervious surfaces, and building construction entrances. Appropriate BMPs will be selected.
2. BMP: The Village requires that owners install erosion controls as the very first step on their construction sites.
3. Measurable Goal: Track the status of all construction sites including a formal authorization to start construction following verification of installation of required erosion and sediment controls.
4. Schedule: Continuously track the status of all construction sites.

C. Other Waste Control Programs

BMP: Section 40-341 of the Village municipal code prohibits the dumping, depositing, dropping, throwing, discarding, or leaving of litter and construction material and all other illicit discharges from entering the stormwater management system.

D. Site Plan Review Procedures

1. BMP: The Village will review all site plans to verify that appropriate construction site BMPs will be implemented and that all plans comply with applicable ordinances.
2. Measurable Goal: Track and document the status of site plan review for all proposed construction projects.
3. Schedule: Continuously track all site plan reviews for proposed construction projects.

E. Public Information Handling Procedures

BMP: The Village will develop procedures for managing information submitted by the public and will have public meetings as necessary. Public meetings will allow individuals to express their concerns and offer comments on stormwater issues.

F. Site Inspection/Enforcement Procedures

1. BMP: The Village might choose to randomly inspect construction sites to verify that appropriate erosion controls have been implemented, in addition to weekly inspections and inspections following 1 inch of precipitation in 24 hours performed by the site permittee and occasionally checked by the Village. If erosion controls are not being implemented, the violation will be dealt with according to the enforcement procedures outlined in municipal code (e.g., §40-343). Violations and enforcement actions will be documented and submitted to MWRDGC for further investigation.
2. BMP: For all permitted projects requiring a construction permit ILR-10, the Village requires a preconstruction meeting to ensure proper construction site BMPs will be installed. The Village will add language to its current permit to require such actions take place.

POST-CONSTRUCTION RUNOFF CONTROL

New sites can still have great effects on local waters if not properly maintained. Structural and non-structural BMPs can help reduce water quality impacts from development and potentially maintain predevelopment runoff conditions. The Village requires installation of BMPs to reduce stormwater pollution.

A. Regulatory Control Program

1. BMP: The WMO applies to all projects constructed within the Village, and thus provides regulatory control over stormwater runoff. The Village thus helps to enforce stormwater runoff control stipulations for projects within its jurisdiction through project permitting, site inspections, and long-term maintenance of BMPs.
2. Measurable Goal: Track the status of all new development projects and Village improvement projects and note when protection of existing environmentally sensitive areas or implementation of BMPs are included in the project.
3. Schedule: Inventory BMP designs implemented through new development or improvement projects in January of every year.

B. Preconstruction Review of BMP Designs

1. BMP: The Village Public Works Department reviews all new developments and holds developers to the minimum requirements of the WMO.
2. BMP: The Village actively promotes the use of green stormwater infrastructure on its improvement projects and seeks funding to encourage implementation of these aspects.
3. Measurable Goal: Track the status of plan review of all new developments. Compile a database by the end of the permit cycle with details on the progress of new developments and their abidance to the WMO.
4. Schedule: Review the status of new development reviews in January of every year.

C. Post-Construction Inspection

BMP: Village staff perform a final inspection of a development site before occupancy of that site can occur.

D. Long-Term Operation and Maintenance (O&M) Procedures

1. BMP: The Village requires a two-year maintenance period following completion of construction to ensure there is accountability to repair defects and that there are appropriate O&M procedures for stormwater runoff and water quality improvement.
2. Measurable Goal: Track the status of Long-Term O&M of all new developments. By the fourth permit year, conduct an inventory of structural runoff controls (on public and private property).

E. Floodplain Climate Change Impact Assessment

The Village does not currently have a procedure regarding floodplain climate change impacts.

POLLUTION PREVENTION AND GOOD HOUSEKEEPING

The Village plays an active role in preventing its own streets, lands, and storm sewers from degrading water quality. The Village's BMPs for good housekeeping revolve around keeping operations in the Village running smoothly and in a way that will be sustainable for the long-term.

A. Annual Employee Training Program

1. BMP: The Village will send staff to training sessions to reduce stormwater pollution by incorporating various BMPs such as park and open space maintenance, fleet and building maintenance, new construction, and land disturbance maintenance.
2. Measurable Goal: Track employee reported stormwater runoff and water quality issues.
3. Schedule: Provide employee training every year.

B. Inspection and Maintenance Program

1. BMP: The Village will develop a schedule with the goal of reducing pollutant runoff from municipal operations. This schedule will address procedures for inspecting and cleaning catch basins and inlets, maintain municipally owned vehicles, and handling and storing hazardous wastes.
2. Measurable Goals: Create an inspection and maintenance program concerning municipal operations by the end of the third permit year.

C. Municipal Operations Stormwater Control

1. BMP: The Village will create a maintenance schedule for cleaning catch basins and inlets, including those at the Public Works Department. Cleaning catch basins and inlets reduces the amount of pollutants deposited in the storm sewer and the receiving water bodies.
2. BMP: The Village performs vehicle maintenance and cleaning indoors with runoff directed to the sanitary sewer system. The Village owns no gas tanks and thus there is no potential for polluting leaks from such tanks.
3. BMP: The Village maintains a chemical storage space inside the Public Works Department.
4. Measurable Goal: Continue to perform indoor vehicle maintenance and washing.

5. Measurable Goal: Continue to perform manual catch basin cleaning and create a log book indicating completed areas. Public complaints are also logged and tracked for completion.

D. Municipal Operations Waste Disposal

1. BMP: The Village inspects all vehicles regularly to reduce the amount of oil, grease, and fluid leaks. The Village designates indoor waste collection facilities for proper disposal of such vehicular waste and maintains an oil container.
2. BMP: The Village will develop spill prevention and control plans for municipal facilities. Documents posted in chemical storage and use areas will describe materials and techniques that should be used to contain a spill as well as preventative measures that can reduce the likelihood of spills.
3. Measurable Goal: Continue catch basin cleaning and proper disposal of such material into a yard waste dumpster.
4. Measurable Goal: Collect and post material safety data (MSD) sheets by the end of the third permit year.

E. Chemical Storage-Pollution Prevention

1. BMP: The Village keeps its deicing materials in a salt dome, preventing spills and subsequent pollution.
2. Measurable Goal: Manage the amount of deicing material bought and consumed each winter season and adjust accordingly with the goal of reducing, to a feasible extent, the amount of deicing material consumed in the Village.

**APPENDIX A
ILLICIT DISCHARGE INCIDENT TRACKING FORM**

Illicit Discharge Incident Tracking Sheet

Incident ID:				
Responder Information				
Call taken by:				
Call time:		Precipitation (inches) in past 24-48 hrs:		
Reporter Information				
Incident time:		Incident date:		
Caller contact information (optional):				
Incident Location <i>(complete one or more below)</i>				
Latitude and longitude:				
Stream address or outfall #:				
Closest street address:				
Nearby landmark:				
Primary Location Description		Secondary Location Description:		
<input type="checkbox"/> Stream corridor <i>(In or adjacent to stream)</i>	<input type="checkbox"/> Outfall	<input type="checkbox"/> In-stream flow	<input type="checkbox"/> Along banks	
<input type="checkbox"/> Upland area <i>(Land not adjacent to stream)</i>	<input type="checkbox"/> Near storm drain	<input type="checkbox"/> Near other water source (stormwater pond, wetland, etc.):		
Narrative description of location:				
Upland Problem Indicator Description				
<input type="checkbox"/> Dumping	<input type="checkbox"/> Oil/solvents/chemicals	<input type="checkbox"/> Sewage		
<input type="checkbox"/> Wash water, suds, etc.	<input type="checkbox"/> Other: _____			
Stream Corridor Problem Indicator Description				
Odor	<input type="checkbox"/> None	<input type="checkbox"/> Sewage	<input type="checkbox"/> Rancid/Sour	<input type="checkbox"/> Petroleum (gas)
	<input type="checkbox"/> Sulfide (rotten eggs); natural gas	<input type="checkbox"/> Other: Describe in "Narrative" section		
Appearance	<input type="checkbox"/> "Normal"	<input type="checkbox"/> Oil sheen	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Suds
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Floatables	<input type="checkbox"/> None:	<input type="checkbox"/> Sewage (toilet paper, etc.)	<input type="checkbox"/> Algae	<input type="checkbox"/> Dead fish
	<input type="checkbox"/> Other: Describe in "Narrative" section			
Narrative description of problem indicators:				
Suspected Violator (name, personal or vehicle description, license plate #, etc.):				

Investigation Notes	
Initial investigation date:	Investigators:
<input type="checkbox"/> No investigation made	Reason:
<input type="checkbox"/> Referred to different department/agency:	Department/Agency:
<input type="checkbox"/> Investigated: No action necessary	
<input type="checkbox"/> Investigated: Requires action	Description of actions:
Hours between call and investigation:	Hours to close incident:
Date case closed:	
Notes:	

**APPENDIX B
OUTFALL INSPECTION FORM**

Outfall Inspection Form

General Information

Outfall Number: _____ Inspector: _____
Map of location: Ok Incorrect, *explain in Comments* Photo: #: _____
Date: _____ Time: _____
Last Rainfall: Raining now 0-2 days 3< days Unknown
End of Pipe Access: Accessible Inaccessible (If so, describe below)
 Blocked Ground too wet Fence/Gate locked Vegetation Water Other

End of Pipe Information

Flows into? Lake Stream Wetland Ditch Other: _____
End of Pipe Submerged? No Yes *If yes:* 25% 50% 50%<
Does Outfall need repair? No Yes *If yes, describe in Comments*
Grate on end of pipe? No Yes *If yes, is grate locked?* No Yes

Visual Observations

Water flowing from end of pipe? No Yes
If yes, what does the water look like? Clear Muddy Colored, what color? _____
Sediment accumulation in pipe? No Yes
If yes, how much? <25% 25-50% >50%
Debris accumulation in pipe? No Yes
If yes, how much? <25% 25-50% >50%
Describe Debris: _____
Evidence of Illicit Discharge? No Yes
Describe: _____
Evidence of Illicit Connections? No Yes
Describe: _____

Comments (identify any follow-up action or reporting required)

BMP MAINTENANCE FOLLOW-UP FORM
Post-Construction Inspection and Maintenance Report Form

A. GENERAL INFORMATION. Please fill out only one report form per site. (Fill out ALL information)

DATE _____		REPORTING YEAR: _____	
Project Name (i.e. Subdivision Name, Store Name):		Physical Address/Location of BMP:	
Property Owner Name:		Property Owner Mailing Address:	
Is this a new owner? (YES) (NO)		Property Owner Telephone Number: ()	
Property Owner E-mail Address:		Maintenance Contact/Inspector Telephone Number: ()	
Maintenance Contact Person/Inspector Name:		Maintenance Contact/Inspector Telephone Number: ()	
Maintenance Contact/Inspector E-mail address:			

B. INSPECTION CHECKLIST & BMP SUMMARY TABLE.

BMP Device Type	Number per Site	BMP Device Type	Number per Site
Bioretention		Filter	
Porous Pavement		Infiltration Basin/Trench	
Detention/Retention Basin or Pond		Other (Specify)	
Open Channel (Swales)		Other (Specify)	

C. MAJOR MAINTENANCE & CORRECTIVE ACTIONS SUMMARY.

Summarize major maintenance activities conducted and any corrective actions take

D. SITE PHOTOGRAPHS.

Please attach photographs showing current condition of BMPs on site. One panoramic view of the site and one close-up photo of each area are sufficient.

**ATTACHMENT
STORMWATER MANAGEMENT PROGRAM–MILESTONE SUMMARY**

STORMWATER MANAGEMENT WEBSITE

The Village of Indian Head Park's (Village) Stormwater Management website should include the following items:

1. A copy of this Stormwater Management Program (SWMP)
2. A copy of the Notice of Intent (NOI)
3. Copy of Illicit Discharge Detection and Elimination (IDDE) Plan (to be completed)
4. Copies of the Annual Reports to Illinois Environmental Protection Agency (IEPA)
5. Record of the stormwater management meeting held by the Public Works Committee
6. Stormwater Monitoring—enable the general public to post stormwater management concerns and report observed stormwater pollution incidents
7. Provide a phone number to call with concerns
8. Educational fliers and resources
9. Links to other organization programs and educational materials, including NASA climate change link
10. Enable tracking of visits to the Web site and visits to the various site offerings

ANNUAL FACILITY INSPECTION REPORT

The following section details the content of the annual report to be compiled in March of every year to measure the Village's progress towards its goals. Submit this progress report to IEPA every June.

1. Compile tracking data from stormwater management website to determine the number of visits to the various website offerings and identify trends of use.
2. Record annual implementation of the IDDE Plan, results of findings, remediation and removal actions taken, and results.
3. Record inventory of stormwater Best management Practices (BMP) implemented in the past year.
4. Record stormwater pollution issues reported by the public and Village employees, action taken, and results.

ANNUAL CALENDAR OF ACTIVITIES

This section suggests activities to be performed on an annual basis. Revise as necessary.

January

1. Review the status of all open construction projects.
2. Review the status of any open violation notices.
3. Review the status of post-construction inspections performed in the prior year.

February

Prepare content for quarterly newsletter concerning stormwater issues.

March

Compile Annual Facility Inspection Report to be submitted to IEPA.

April

Annual stormwater pollution prevention discussion at Public Works Committee meeting (or any other month).

May

1. Create a plan to inspect outfalls for illicit discharges during the dry summer months.
2. Hire consultant to help continually enhance storm sewer mapping.
3. Prepare content for quarterly newsletter concerning stormwater issues.

June

Perform dry weather screening of outfalls according to the IDDE Plan.

July

Perform dry weather screening of outfalls according to the IDDE Plan.

August

1. Perform dry weather screening of outfalls according to the IDDE Plan.
2. Prepare content for quarterly newsletter concerning stormwater issues.

September

Remediate any sites not in compliance with NPDES permit. If necessary, report a “non-compliance” to IEPA.

October

1. Prepare content for quarterly newsletter concerning stormwater issues.
2. Clean catch basins and dispose of fall leaves/debris.

November

Ensure proper storage of deicing materials for upcoming winter season.

December

1. Compile data on implementation of the IDDE Plan in the previous year for inclusion in the Annual Measurable Goals Report.
2. Compile data on the number of visitors to the Stormwater Management Web site.
3. Create/build upon inventory of stormwater BMPs implemented in the past year.
4. Review status of all long-term (2-year) O&M activities from new development.
5. Make any changes to the SWMP.

Perform continuously throughout the year (as needed)

1. Clean catch basins and properly dispose of waste.
2. Observe development sites and note any sites without silt fence/erosion control (anything out of compliance). If staff are available, observe sites the day after heavy rainfall.
3. Send staff to annual training concerning stormwater.
4. Check in on development sites occasionally for two years after completion.
5. Approve any permit applications, ensuring owners manage stormwater.
6. In general, keep loose notes of when staff observe sites, attend meetings, etc.

PERMIT PERIOD CALENDAR OF ACTIVITIES

The following section details the activities to be performed in *crucial* years of the permit period.

Year 3 (2019)

1. Create the stormwater management Web site and upload all necessary information.
2. Continue GIS mapping of Village storm sewer system, outfalls, and Flagg Creek.
3. Decide when to perform environmental justice assessment (this year or next year).
4. Create IDDE Plan and upload to Web site.

Year 5 (2021)

1. January–Update the Village’s SWMP.
2. March–Update and submit the Village’s NOI.

SWMP AND NOI UPDATES

This SWMP is effective for the NPDES ILR-40 permit period from 2016 into 2021. The Village must update this program in January 2021 and revise and resubmit its NOI in March 2021.

The Village must submit a new NOI within 30 days of a change in the operator(s) or addition of new operator(s) (persons responsible for implementation or coordination of the Village’s SWMP).

For more location information
please visit www.strand.com

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