

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

MARCH 2014 TO MARCH 2015 REPORTING PERIOD

VILLAGE OF GILBERTS, ILLINOIS

A. CHANGES TO BEST MANAGEMENT PRACTICES

There were no changes to the Best Management Practices (BMPs) from the Village of Gilberts Notice of Intent (NOI) for the reporting period from March 2014 to March 2015.

B. STATUS OF COMPLIANCE WITH PERMIT CONDITIONS

The Village of Gilberts committed to a number of stormwater BMPs in order to meet the requirements of the NPDES Phase II stormwater program. The following is a status report on each of the BMPs and the activities that were undertaken during the March 2014 to March 2015 reporting period. The status or progress for each of the measurable goals related to these BMPs is presented below.

BMP No. A1 Distributed Paper Material

Measurable Goal(s), including frequencies: Publish stormwater pollution prevention articles in the Village newsletter semi-annually.

Milestones: Year 12: Continue to publish articles in the Village newsletter.

BMP Status: The Village of Gilberts publishes a resident newsletter which is mailed directly to businesses and residents in the Village. Newsletters during the 2014-2015 reporting period included: “Chemicals in Our Water” a primer on how residents can reduce effects of chemicals in our waterways in the Summer 2014 edition, along with a reminder of recycling opportunities for hazardous waste in Kane County.

In addition Kane County has distributed brochures to all MS4s and Libraries: “How To Be A Clean Water Champion” and “Top Ten Things Streamside Property Owners Can Do...”

BMP No. B.6 Program Involvement

Measurable Goal(s), including frequencies: Host an annual volunteer clean-up event. Track the number of residents participating in the event.

These events encourage the public to pick-up debris which might otherwise be washed into the Village drainage system. It directly involves the public in the Village’s stormwater management program, and therefore is a more effective BMP.

Milestones: Year 12: Continue to host annual cleanup events.

BMP Status: In 2014 a Village wide cleanup event was not conducted; however, several individual neighborhood cleanup activities were conducted such as removing debris from detention ponds (maintained by HOAs) in the Timber Trails Subdivision and tree removal from the Windmill Meadows Subdivision pond.

BMP No. B7 Other Public Involvement

Measurable Goal(s), including frequencies: Annually inform residents of a contact number to report stormwater related issues.

Milestones: Year 12: Continue to inform residents of the existence of a contact number to report stormwater related issues.

BMP Status: Along with the stormwater pollution prevention articles that are published in the Village newsletter, the Village provides a contact number that residents can use to report stormwater related issues, including ordinance violations, construction site soil erosion and sediment control violations, maintenance issues and illicit discharges.

BMP No. C1 Storm Sewer Map Preparation

Measurable Goal(s), including frequencies: Develop storm sewer outfall map and update as needed.

Milestones: Year 12: Storm Sewer Outfall Map is part of the overall Village Storm Sewer System map and is included in the Villages Stormwater Management Plan.

BMP Status: The Village will add any other outfalls as they are found during routine maintenance or stream walks or created as part on new development. The Storm Sewer System Map is a layer in the Village GIS.

BMP No. C2 Regulatory Control Program

Measurable Goal(s), including frequencies: Enforce the Illicit Discharge and Connection Ordinance.

Milestones: Year 12: Enforce the Illicit Discharge and Connection Ordinance.

BMP Status: The Village of Gilberts has adopted and implemented an Illicit Discharge and Connection Ordinance that prohibits non-stormwater discharges into the Village's stormwater drainage system and includes enforcement and penalties for ordinance violations.

BMP No. C3/C4/C5 Illicit Discharge Detection, Tracing, and Removal Plan

Measurable Goal(s), including frequencies: Continue detecting, tracing and removing all illicit discharges.

Milestones: Year 12: Annually search, trace and remove all illicit discharges.

BMP Status: The Village of Gilberts has adopted an Illicit Discharge and Connection Ordinance that prohibits non-stormwater discharges into the Village's stormwater drainage system and includes enforcement and penalties for ordinance violations. The ordinance will provide the regulatory framework needed to enforce illicit discharge removal.

The Village of Gilberts has implemented detection, tracing and removal procedures for illicit discharges. The detection plan includes Village inspection of all mapped structures (including outfalls) once every three years and the Village will consider information provided by residents. In addition, a local Gilberts environmental consultant performs pre and post storm event inspections for flood control and pollution prevention. The Tyler Creek Watershed Coalition annual report on the Tyler Creek Watershed contains monitoring and BMP effectiveness data. A copy of this can be provided or can be viewed on their website http://foxriverecosystem.org/tyler_creek.htm.

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

Measurable Goal(s), including frequencies: Enforce the Village Code and Kane County Stormwater Ordinance.

Milestones: Year 12: Continue to enforce the Village Code and Kane County Stormwater Ordinance.

BMP Status: The Village of Gilberts has adopted, by reference, all of the provisions of the Kane County Stormwater Management Ordinance.

BMP No. E2/E3/E4/E5/E6 Stormwater Drainage Ordinance

Measurable Goal(s), including frequencies: Enforce the Kane County Stormwater Ordinance.

Milestones: **Year 12:** Continue to enforce the Kane County Stormwater Ordinance.

BMP Status: The Village of Gilberts has adopted, by reference, all of the provisions of the Kane County Stormwater Management Ordinance. The Village is responsible for enforcing the ordinance within the Village limits. The Village continued to review all BMP designs prior to construction and inspect projects during and after construction.

BMP No. F1 Employee Training Program

Measurable Goal(s), including frequencies: Formalize stormwater pollution prevention training for Village employees. Conduct formal stormwater pollution prevention training for Village employees annually.

Milestones: **Year 12:** The Village has completed employee training; however, this has occurred without a formal plan. Phoenix&Associates has been retained as the Village's Stormwater program maintenance consultant and conducts all SWPPP inspections and assists with employee training.

BMP Status: This BMP was incorporated in 2012.

BMP No. F2 Inspection and Maintenance Program

Measurable Goal(s), including frequencies: Annually review the program for effectiveness and update as needed.

Milestones: **Year 12:** Continue conducting formal inspection and maintenance. Review the program for effectiveness and update the program as needed.

BMP Status: The Village of Gilberts formalized its inspection and maintenance program by the retaining of Phoenix&Associates. The program consists of regular maintenance of ditches, Village-owned facilities and storm structures with the use of the local environmental consultant noted above.

BMP No. F3 Municipal Operations Stormwater Control

Measurable Goal(s), including frequencies: Formalize a stormwater pollution prevention plan for the Village's municipal operations. Annually review the plan for effectiveness and update the program as needed.

Milestones: Year 12: The Village of Gilberts has maintained many operational policies designed to prevent stormwater pollution from municipal operations. The policies are in the Village's Stormwater Management Program Plan.

BMP Status: The Village continues to follow the pollution prevention polices.

C. INFORMATION AND DATA COLLECTION RESULTS

See the Tyler Creek Coalition Report identified in Section B.

BMP No. C3/C4/C5 Illicit Discharge Detection, Tracing, and Removal Plan

D. SUMMARY OF NEXT REPORTING PERIOD STORMWATER ACTIVITIES

The Village plans to undertake the following activities during the March 2014 to March 2015 reporting period:

BMP No. A1 Distributed Paper Material

The Village of Gilberts will continue to publish stormwater pollution prevention articles in its resident newsletter. The annual articles will address the following issues: impacts of stormwater discharges on water bodies, measure the public can take to reduce pollutants in stormwater runoff, and information on the general public hazards associated with illegal discharges and improper waste disposal.

Measurable Goal(s), including frequencies: Publish stormwater pollution prevention articles in the Village newsletter semi-annually.

Milestones: Year 13: Continue to publish articles in the Village newsletter.

BMP No. B.6 Program Involvement

The Village of Gilberts will conduct an annual volunteer clean-up event. This event will encourage the public to pick-up debris which might otherwise be washed into the Village drainage system.

Measurable Goal(s), including frequencies: Host a volunteer clean-up events. Track the number of residents participating in the event.

Milestones: Year 13: Continue Hosting Village Cleanup events as advertised in the Village Newsletter.

BMP No. B7 Other Public Involvement

The Village of Gilberts will continue to provide a contact number that residents can use to report stormwater related issues, including ordinance violations, construction site soil erosion and sediment control violations, maintenance issues and illicit discharges.

Measurable Goal(s), including frequencies: The Village will continue to inform residents of the contact number.

Milestones: Year 13: Continue to inform residents of the existence of a contact number.

BMP No. C1 Storm Sewer Map Preparation

The Village prepared a stormwater outfall map showing the locations of all outfalls and receiving waters. The map will be updated as needed as development occurs within the Village and as property is annexed to the Village.

Measurable Goal(s), including frequencies: Update stormwater outfall map annually as needed.

Milestones: Year 13: Review the storm sewer outfall map and updated as needed.

BMP No. C2 Regulatory Control Program

The Village of Gilberts has adopted an illicit discharge and connection ordinance that prohibits non-stormwater discharges into the Village's stormwater drainage system and includes enforcement and penalties for ordinance violations.

Measurable Goal(s), including frequencies: Enforce the Illicit Discharge and Connection Ordinance.

Milestones: Year 13: Enforce the Illicit Discharge and Connection Ordinance.

BMP No. C3/C4/C5 Illicit Discharge Detection, Tracing, and Removal Plan

The Village of Gilberts has implemented a formalized plan for detection, tracing and removal of illicit discharges. The detection plan includes Village inspection of all mapped structures (including outfalls) once every three years and considers information provided by residents to the Village.

Measurable Goal(s), including frequencies: Annually detect, trace and remove all illicit discharges detected by resident reporting and by Village employees.

Milestones: Year 13: Continue detecting, tracing and removing all illicit discharges.

BMP No. D1 Regulatory Control Program

The Village of Gilberts has adopted the Kane County Stormwater Ordinance, which requires erosion and sediment controls. The Village has amended the Stormwater Ordinance to require compliance with General NPDES Permit No. ILR10 prior to construction.

Measurable Goal(s), including frequencies: Enforce the Stormwater Ordinance.

Milestones: Year 13: Continue to enforce the Stormwater Ordinance.

BMP No. D2 Erosion and Sediment Control BMPs

The Village of Gilberts has adopted and enforce the Kane County Stormwater Ordinance, which requires erosion and sediment control BMPs.

Measurable Goal(s), including frequencies: Enforce the Kane County Stormwater Ordinance.

Milestones: Year 13: Continue to enforce the Kane County Stormwater Ordinance.

BMP No. D3 Other Waste Control Program

The Village of Gilberts has amended the Village Code to prohibit non-stormwater discharges to the storm sewer system. These amendments regulate wastes and residues that result from construction or building a structure.

Measurable Goal(s), including frequencies: Enforce the Village Code.

Milestones: Year 13: Continue to enforce the Village Code.

BMP No. D4 Site Plan Review Procedures

The Village of Gilberts reviews site plans to ensure conformance to the Kane County Stormwater Ordinance.

Measurable Goal(s), including frequencies: Review site plans to ensure conformance to the Kane County Stormwater Ordinance.

Milestones: Year 13: Continue to review site plans to ensure conformance to the Kane County Stormwater Ordinance.

BMP No. D6 Site Inspection/Enforcement Procedures

The Village of Gilberts has adopted the Kane County Stormwater Ordinance, which contains site inspection and enforcement procedures.

Measurable Goal(s), including frequencies: Enforce the Kane County Stormwater Ordinance.

Milestones: Year 13: Continue to enforce the Kane County Stormwater Ordinance.

BMP No. E2 Regulatory Control Program

The Village of Gilberts has adopted and enforced the Kane County Stormwater Ordinance, which requires post-construction runoff control.

Measurable Goal(s), including frequencies: Enforce the Kane County Stormwater Ordinance.

Milestones: Year 13: Continue to enforce the Kane County Stormwater Ordinance.

BMP No. E3 Long Term O&M Procedures

The Village of Gilberts has adopted and enforces the Kane County Stormwater Ordinance, which contains long term operation and maintenance procedures.

Measurable Goal(s), including frequencies: Enforce the Kane County Stormwater Ordinance.

Milestones: Year 13: Continue to enforce the Kane County Stormwater Ordinance.

BMP No. E4 Pre-Construction Review of BMP Designs

The Village of Gilberts has adopted and enforces the Kane County Stormwater Ordinance, which requires pre-construction review of BMP designs.

Measurable Goal(s), including frequencies: Enforce the Kane County Stormwater Ordinance.

Milestones: Year 13: Continue to enforce the Kane County Stormwater Ordinance.

BMP No. E5 Site Inspections During Construction

The Village of Gilberts has adopted and enforced the Kane County Stormwater Ordinance, which requires site inspections during construction.

Measurable Goal(s), including frequencies: Enforce the Kane County Stormwater Ordinance.

Milestones: Year 13: Continue to enforce the Kane County Stormwater Ordinance.

BMP No. E6 Post-Construction Inspections

The Village of Gilberts has inspected Village owned detention basins.

Measurable Goal(s), including frequencies: Inspect Village owned detention basins once every five years, but in reality occurs on a more frequent basis due to the regular inspections performed pre and post rain storm events by the Villages environmental consultant described in section BMP No. C3,C4,C5.

Milestones: Year 13: Inspect 20% of the Village-owned detention basins.

BMP No. F1 Employee Training Program

The Village of Gilberts public works department currently conducts regular employee training including new employee orientation. A formal training program to educate staff on prevention and reduction of stormwater pollution from municipal activities is being incorporated into the Village's existing training program as noted in section B. The Village will continue to look for stormwater pollution prevention training seminars to which it may send its employees.

Measurable Goal(s), including frequencies: Formalize stormwater pollution prevention training for Village employees. Conduct formal stormwater pollution prevention training for Village employees annually.

Milestones: Year 13: The Village will continue the annual training program.

BMP No. F2 Inspection and Maintenance Program

The Village has formalized its inspection and maintenance program. The program consists of regular ditch maintenance, as-needed cleaning of storm sewer structures, and as-needed maintenance of detention basins both pre and post rain events by the Village environmental consultant.

Measurable Goal(s), including frequencies: Annually review the program for effectiveness and update the program as needed.

Milestones: Year 13: Continue conducting formal inspection and maintenance. Review the program for effectiveness and update the program as needed.

BMP No. F3 Municipal Operations Stormwater Control

The Village of Gilberts currently has a number of operational policies designed to prevent stormwater pollution associated with municipal operations. The existing policies will be incorporated into a formal Municipal Stormwater Pollution Prevention Plan. This program will be evaluated on an annual basis to determine its effectiveness and modified as necessary.

Measurable Goal(s), including frequencies: Monitor the stormwater pollution prevention plan for the Village's municipal operations. Annually review the plan for effectiveness and update the program as needed.

Milestones: Year 13: The Village of Gilberts has maintained many operational policies designed to prevent stormwater pollution prevention from municipal operations.

E. NOTICE OF QUALIFYING LOCAL PROGRAM

The Village of Gilberts is not relying on any other government entity to satisfy permit obligations. Kane County conducts several additional stormwater public education and outreach programs that benefit the Village and its residents, but the Village of Gilberts' stormwater pollution prevention program is intended to meet the requirements of General NPDES Permit No. ILR40 in the absence of these programs.

F. CONSTRUCTION PROJECTS CONDUCTED DURING REPORTING PERIOD

The Village of Gilberts funded the construction of the Gilberts Town Park project at Tyrrell Road and Columbia Lane.