



Village of Savoy - 611 North Dunlap Street - Savoy, Illinois - 61874

May 1, 2022

Illinois Environmental Protection
Agency Permits Section, DWPC
1021 N. Grand Avenue East
Springfield, IL 62702

Subject: Village of Savoy 2021 NPDES Phase II Annual Storm Water Report

To Whom it May Concern:

Enclosed please find Savoy 's 2021 NPDES Phase II Storm Water Annual Report for the reporting period of April 1, 2021 through March 31, 2022. Submission of the Annual Report meets the requirements of the General NPDES Permit No. ILR400442.

If you have any questions, please contact me at (217) 359-5894.

Sincerely,

A handwritten signature in blue ink that reads "W. Roland White".

Roland White, P.E.
Public Works Director

Enclosure



**2021 NPDES Phase II
Storm Water Report**

Prepared by:

Roland White, PE
Director of Public Works/Village Engineer



Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2021 To March, 2022

Permit No. ILR40 0442

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: Village of Savoy Mailing Address 1: 611 N. Dunlap Avenue

Mailing Address 2: _____ County: Champaign

City: Savoy State: IL Zip: 61874 Telephone: 217-359-5894

Contact Person: Roland White Email Address: roland.white@savoy.illinois.gov
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Savoy

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.

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))

W. Roland White
Owner Signature:

May 1, 2022
Date:

Roland White
Printed Name:

Public Works Director
Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

IL 532 2585
WPC 691 Rev 6/10
This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

Illinois Environmental Protection
Agency Annual Inspection Report
For General Permit for Discharges from
Small Municipal Separate Storm Systems

Village of Savoy, Illinois

Reporting Period:

April 1, 2021 to March 31, 2022

MS4 Operator Information:

Village of Savoy, Illinois
611 North Dunlap Avenue
Savoy, IL 61874
(217) 359-5894
Roland White, PE Public Works Director

Governmental Entity in Which MS4 Is Located:

Savoy, Illinois

Introduction/Background

The 1987 amendments to the Clean Water Act required the United States Environmental Protection Agency (USEPA) to address storm water runoff in two phases. Phase I of the National Pollution Discharge Elimination System (NPDES) Storm Water Program became effective in 1990. Phase I of the program applied strictly to large and medium MS4s and eleven industrial categories including construction sites disturbing 5 or more acres of land. Phase II of the NPDES Storm Water Program became effective March 10th, 2003 and is applicable to small MS4s and construction sites disturbing between 1 and 5 acres of land. Phase II also expands the industrial "no exposure" exemption from Phase I. The Illinois Environmental Protection Agency (IEPA) is charged with implementing and enforcing both phases of the NPDES Storm Water Program.

As a small MS4, the Village was required to comply with the Phase II regulations by submitting a Notice of Intent (NOI) to the IEPA by March 10th, 2003. The NOI serves as the application documentation for the NPDES Phase II Permit that applies to storm water discharges from the storm sewers and drainage basins within the Village's jurisdiction for a period of five years. The NOI outlined an implementation plan for six minimum control measures targeting improvement in storm water quality.

Those six measures are as follows:

- I. Public Education and Outreach
2. Public Participation and Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site RunoffControl
5. Post-construction RunoffControl*
6. Pollution Prevention and Good Housekeeping

As part of the NOI, the Village of Savoy developed a plan to address these six measures, tailored to the unique characteristics and needs of the Village. In the application, the Village defined Best Management Practices (BMPs) for each minimum control measure and established measurable goals for each. It is intended that the Village will measure and document its progress towards meeting these goals during each year of the permit period in the form of an annual report. This document will be submitted yearly to the IEPA.

Savoy has worked in cooperation with other MS4s in the urbanized area to share costs and common efforts and to develop a regional consistency in BMPs towards fulfilling the requirements of the NPDES Phase II Storm Water Program. The Champaign County Stormwater Partnership (CCSWP) includes information on its website (www.ccstormwater.org) to assist with two of the required minimum control measures—Public Education/Outreach and Public Participation/Involvement.

Due to changes in personnel, Savoy submitted its second Notice of intent (NOI) due in March 2008. In May of 2009 the Village received permit number ILR400442 shortly thereafter. During the life of the permit the Village will document and record all compliance efforts, as necessary, and report progress annually to the IEPA.

A third NOI from the Village was submitted to the IEPA on October 18, 2013. The Village then received ILR40 NPDES Permit on February 10, 2016. This 2021 report document is based on the Village's 2016 permit requirements.

Permit Compliance Assessment:

The Village originally proposed in implementation of thirty-nine (39) BMPs during the current year of permit cycle. The Village was able to implement to some degree of completion all of the listed BMPs.

Information Collected and Analyzed:

BMP C.3.1: Investigate public and sewer operations staff reports of illegal discharge or illegal connections.

No illicit discharges were received and no patterns were discovered. Public Works crews cleaned 26,530 feet of sanitary sewer, cleaned 2,550 feet of storm sewer, televised over 18,558 feet of sanitary sewer, and inspected over 130 manholes in report year.

BMP C.5.1: Facilitate the disconnection of illegal connections from Village owned storm and sanitary sewers.

No illegal connections to private storm or sanitary sewers were identified in report year.

BMP C.10.1: Inspect each new development for illegal discharges and connections.

One new residential development was constructed in the reporting year. Inspections were made on all underground construction as the work was ongoing. No illegal connections were identified.

BMP F.1.1: Salt and calcium application training for snow plow operators.

Annual training on responsible use of salt and chemical additives was conducted.

BMP F.2.1: Storm sewer system cleaning and inspection.

During this year, the Village continued systematically cleaning storm sewer pipe. Over 2,500 feet of storm sewer was cleaned.

BMP F.6.1: Reduce salt application rates by using environmentally friendly deicing chemicals.

Salt Geomelt-55 additive, which reduces application rate for salt effectiveness, was applied at a rate of 4-5 gallons of additive per ton of road salt. The Village used 1600 gallons of deicing chemicals/salt in this reporting year. We will continue use of environmentally friendly chemicals and document the application rate.

Storm water Activities for current year of 2016 Permit:

The BMP Summary for the storm water discharge permit cycle included in "Attachment 1 - BMP Summary". and describes the Village's storm water activities from April 1, 2021 to March 31, 2022.

Current Year Construction Projects:

The Village of Savoy had the following construction projects during the current reporting year that disturbed one or more acres:

1. Prairie Meadows Phase IV
2. Construction – 1st Street Shared Use Path

Construction projects during the current reporting year that disturbed less than one acre:

1. Various street patching projects
2. Various sidewalk replacement projects

Respectfully Submitted,



Roland White, PE
Director of Public Works
Village Engineer

Date: May 1, 2022

BMP Summary
Village of Savoy
April 1, 2021 thru March 31, 2022

BMP Category A -Public Education and Outreach

BMP A.1.1 - Distribute written materials which discuss recycling options and storm water pollution prevention efforts.

Milestone - Distribute written materials to the public.

Erosion control brochures continue to be given to builders during building permit process. Similar brochures are available to the public, and whoever is interested.

The Village co-sponsored, and participated in two Countywide Residential Electronic Recycling Events. To further sustainability efforts written materials were distributed electronically. Both events were advertised on the Village website and Facebook page.

BMP A.2.1 - Be available for speaking engagements to business groups, service clubs, developers, engineers/architects, contractors, and neighborhood groups about Phase 2.

Milestone - Be available to speak at group engagements when requested. No requests received. The Village "Questions and Comments" application has given residents and businesses the opportunity to ask questions related to storm water resources. In conjunction with other local MS4s, the Village will participate in a storm water conference at the I Hotel both monetarily and in staff time.

BMP A.4.1 - Village participation in County Wide Electronics Recycling Program hosted by Champaign County twice annually.

Milestone – Participate in events twice annually. The Village participated in both the Countywide Electronics Recycling and Household Hazardous Waste Recycling events in the current reporting year. Village staff served on the organizing committees for both events, provided advertising on Village website and Facebook page, as well as providing staffing during the events.

BMP A.5.1- Be available to schools for tours/demonstrations of facilities and equipment to provide students an opportunity to become familiar with Savoy's efforts to clean up storm water runoff and promote sustainable storm water management.

Milestone - Be available to speak to classes when requested. No requests received.

BMP A.6.1 - Maintain and update storm water website which will contribute information and contain links to other sources of storm water resources.

Milestone - Update Website

The website includes general information on the storm water control process as well as links to the following:

- International Erosion Control Association
- Center for Watershed Protection
- Illinois Environmental Protection Agency
- US Environmental Protection Agency
- NPDES Program
- Construction Industry Compliance Assistance

The Champaign County Stormwater Partnership (CCSP) also has a website that the Village helps maintain. The CCSP website page includes links to the Village's Annual NPDES Phase II Compliance Reports and various other resources.

Recent updates to the Village's overall storm water drainage basin mapping have allowed the Village to post maps showing the discharge locations and overall drainage plan of Village infrastructure. These maps are now included on the Village website.

BMP Category B – Public Participation and Involvement

BMP B.6.1 - On-going committee meetings of the Champaign County Stormwater Partnership (CCSP) with cooperating MS4s (City of Urbana, City of Champaign, Village of Savoy, Champaign County, and the University of Illinois) to discuss NPDES Phase II requirements.

Milestone – The CCSP held four (4) MS4 Meetings. Agendas and Minutes on file. The members take turns hosting the meetings, preparing agendas, and preparing meeting notes.

BMP B.7.1 - Participate in and help to sponsor biennial Green Infrastructure Conference hosted by the University of Illinois and Cooperating MS4's.

Milestone – Participate in biennial Green Infrastructure Conference

The CCSP has started planning the 2023 Green Infrastructure Conference.

BMP Category C – Illicit Discharge Detection and Elimination

BMP C.1.1 - Update storm sewer system map annually.

Milestone- Update storm sewer map.

All storm sewer and sanitary sewer maps are in the process of continuous updates, and are available for public viewing on the Village website in PDF form. Village staff continues to use updated GIS mapping to locate and answer any questions regarding storm sewer and detention basin location and sizing. We will continue to update sanitary sewer and storm sewer maps as new subdivisions are built.

BMP C.2.1 - Enforce illegal discharge and illegal dumping ordinances.

Milestone - Enforce illegal discharge and illegal dumping ordinances.

No illegal discharges or illegal dumping events discovered in reporting year. We will continue to enforce discharge and dumping ordinances.

BMP C.3.1 - Investigate public and sewer operations staff reports of illegal discharge or illegal connections.

Milestone - Operate hot line and document any reported illegal discharges or connections.

We maintain information on our website indicating who residents can contact to report complaints. No complaints received. Operations staff has not reported any illegal discharges or illegal connections. We will continue monitoring in the future.

BMP C.3.2 - Investigate areas with a pattern of illicit discharges and enforce ordinances.

Milestone -Implement plan to investigate areas with a pattern of illicit discharges on an as-needed basis. per plan in C.3.1. and levy penalties as needed. No reports of illicit discharges were received and no patterns were discovered. We will continue to investigate as needed in the future. **BMP C.4.1 - Utilize field investigations including sewer televising and dye testing to investigate any reported illegal discharges reported by the public.**

Milestone - Investigate all reported illegal discharges or connections using sewer televising and dye testing.

Since no illegal discharges nor illegal connections were reported, there was no need to investigate. We are prepared to do so if needed.

BMP C.5.1 - Facilitate the disconnection of illegal connections from Village owned storm and sanitary sewers.

Milestone - Disconnect all identified illegal connections from the storm sewer system.
There were not illegal connections from the storm nor sanitary sewer system reported.

BMP C.6.1 -Annual report to the Urbana-Champaign Sanitary District (UCSD) documenting all sanitary sewer activity and Phase II activities.

Milestone - Submit annual report to the Sanitary District
The annual report submitted to UCSD in February of 2022. We will continue to submit annual reports in the future.

BMP C.7.1- Visual inspection of outfalls during dry weather. If needed, perform water quality sampling on suspicious discharges at outfalls.

Milestone - Visually inspect storm outfalls discharging to state waterways.
Visually inspected storm sewer outfalls to two tributaries to the Phinney Branch and five tributaries to the Embarrass River for suspicious discharges. No suspicious discharges identified in the reporting year. We will continue to monitor locations referenced above during dry weather periods.

BMP C.9.1 - Develop, publicize, and staff a hotline for residents to report illegal discharges.

Milestone-Continued staffing of hotline.
The Village's website lists the Village phone number to contact to report illegal discharges. Between Village Staff and the countywide dispatch center (METCAD) someone is available 24 hours a day 7 days a week to receive reports of illegal discharges. No such reports were received in this reporting year. The Village website also has departmental email addresses which residents can use to report illegal discharges, if necessary.

BMP C.10.1 - Inspect each new development for illegal connections.

Milestone - Inspect each new development.
One new residential development was constructed in the reporting year. Inspections were made on all underground construction as the work was ongoing. No illegal connections were identified. We will continue to inspect new developments as they occur.

BMP C.10.2 - Storm drain stenciling or stickering program in new developments as they are built.

Milestone - Stencil/Sticker each new development.

Prairie Meadows Phase V, have been constructed, and include "Dump No Waste - Runs to River" cast into frame. We will continue to require "Dump No Waste-Runs to River" be cast into frame on new developments.

BMP Category D – Construction Site Runoff Control

BMP D.1.1 - Enforce erosion and sediment control ordinance.

Milestone - Enforce erosion and sediment control ordinance.

In this reporting year, we had one development project and one public project that required an NPDES permit. The Village has well documented authority over projects that disturb both more than 1 acre and projects that disturb less than one acre. This reporting year Village staff wrote 3 Notice of Violation letters. The Village will continue to enforce erosion control ordinances on both residential and commercial development as required, and document accordingly.

BMP D.2.1 - Pre-construction briefings to implement and describe Phase II regulations to engineers, developers, and contractors. Projects greater than 1 acre or near surface water will be targeted.

Milestone - Conduct briefings before each project.

Briefings are held prior to start of construction projects. Developers are required to initiate NPDES permits acknowledging their responsibilities prior to issuing building or demolition permits. We will continue this practice in the future.

BMP D.3.1 - Enforce construction site waste regulations in erosion and sediment control ordinance.

Milestone - Enforce construction site waste regulations

Construction site waste regulations are covered more specifically in the "Nuisance" portion of Village code. Residential and commercial construction sites are inspected regularly by Village Zoning and Public Works staff. Waste regulations are enforced as a regular part of these inspections. We will continue to enforce construction site waste regulations.

BMP D.4.1 - Review erosion control plans submitted by developers for each project.

Milestone - Review each project submitted.

Village Engineering Staff reviewed each erosion control plan submitted and Engineering or Zoning Staff performed site inspections to ensure conformance with the submitted plan. We will continue to do so in the future.

BMP D.5.1 - Publicize and staff a hotline for residents to report soil erosion/sediment control non-compliance. Follow through with resident complaints and take appropriate action against contractors, as needed.

Milestone - Staff a hotline. Investigate complaints and take action as required.

No resident complaints received about erosion/sediment control non-compliance. The Village's website lists the Village phone number to contact to report illegal discharges. Between Village Staff and the countywide dispatch center (METCAD) someone is available 24 hours a day 7 days a week to receive reports of illegal discharges. We will continue these practices in the future.

BMP D.6.1 - Conduct construction site inspections.

Milestone - Inspections conducted weekly or after rain events > 0.5 inches.

Sites which require an NPDES permit perform this function as a requirement of their permit. Village staff monitors site conditions as part of their routine inspections for all phases of construction from initial building permit through final occupancy permit. Any violations or sites that need housekeeping are addressed with the contractor. The required inspections will continue in the future.

BMP Category E – Post-Construction Site Runoff Control

BMP E.1.1 - Conduct construction site inspections.

Milestone - Enforce stormwater control ordinance and encourage green practices. Track number of residential and commercial developments.

Construction site inspections took place at regular intervals and at other required conditions. While no new detention facilities were required during this reporting period, the Village will continue to track new developments, enforce stormwater control ordinance requiring storm detention for each new development; encourage use of wet bottom basins, open channel, grass lined conveyance, and area basins rather than basins for individual sites.

BMP E.2.1 – Regulatory Control Program.

Milestone – Monitor State progress on regulatory control program.

The State is reportedly considering the inclusion of volumetric standards a par of ILR-10 and ILR-40 permits. The Village will monitor state progress on regulatory requirements and will comply with any regulatory requirements that the State adopts.

BMP E.3.1 – Develop and publish on Village website a Village wide storm-water management plan which includes provisions for yearly maintenance inspections for all Village and privately owned detention basins.

Milestone – Develop storm water management plan and inspect all Village and privately owned detention basins.

This work was slowed this year during the pandemic. The Village made considerable progress on a stormwater masterplan, public open house was held with public education on clean water requirements, and a study session with our Board of Trustees. The plan included public meetings with public education materials provided regarding NPDES clean water requirements. Inspections of detention basins was also on hold due to the pandemic. We intend to resume efforts in the future.

BMP E.4.1 – Review all new development plans submitted and make suggestions regarding green infrastructure Best Management Practices. At a minimum enforce Village's Stormwater Control Ordinance.

Milestone – Review all development plans, enforce Village's Stormwater Control Ordinance, report green infrastructure inclusions in annual report.

All development plans were reviewed and the Villages Stormwater Control Ordinance was enforced. Development pace was rather slow during this time period and there were no new developments requiring stormwater mitigation measures, therefore opportunities to suggest green infrastructure measures were limited. We will continue to suggest these measures as opportunities occur.

BMP E.5.1 – Perform inspections during construction of new developments to ensure field conformance with approved plans.

Milestone – Perform inspections during construction of new developments to ensure conformance with approved plans.

Staff performed inspections during construction of new developments to ensure conformance with approved plans and will continue to do so in the future.

BMP E.6.1 – In conformance with BMP E.3.1 above perform annual inspections on all Village and privately owned detention basins annually as well any other green infrastructure controls.

Milestone – Perform and report findings from annual detention basin and other green infrastructure inspections.

Due to the pandemic, implementation of this measure has been slowed. We intend to resume these efforts. Regular inspections have occurred on an as needed basis to address and document any issues.

BMP E.7.1 – Enforce ordinance requiring minimum acreage of public park space (green space) for each new subdivision.

Milestone – Enforce ordinance requiring minimum acreage of public park space (green space) for each new subdivision. Report park space acreage on annual basis.

There have been no new developments of the size and type that require public park space (green space). The Village will continue to enforce and related requirements if such a development occurs.

BMP Category F – Pollution Prevention and Good Housekeeping

BMP F.1.1 - Salt and calcium application training for snow plow operators.

Milestone - Salt and calcium application training for snow plow operators.

Salt Geomelt-55 additive, which reduces application rate for salt effectiveness, was applied at a rate of 4-5 gallons of additive per ton of road salt. A total of 1600 gallons of chemical treatment was applied this reporting year. Operators were trained on using correct amount of chemical additive for mixing with salt and application. Operators are trained to conserve salt supplies by generally focusing salting on intersections and trouble spots. This allows for reduced salt application. There are times where more salt is needed during freezing rain events etc. Training will continue an annual basis.

BMP F.1.2 - Training for abatement and containment of hazardous material spills.

Milestone - Training session completed.

Those individuals who have routine contact with chemical substances are shown the location of the MSDS documents and advised of the proper handling procedures. Those individuals who deal with pesticide and herbicide application, primarily parks staff, are licensed by the Illinois Department of Agriculture and certified by testing and continued training for those activities.

BMP F.1.3 - Pesticide and herbicide application training.

Milestone - Licensing review and training session completed.

All employees that use pesticides/herbicides are licensed by the Illinois Department of Agriculture. See also F.1.2

BMP F.2.1 - Storm sewer system cleaning and inspection.

Milestone - Clean 15,000 feet of storm sewer and clean and inspect 50 inlets or manholes.

The Village systematically cleans storm sewer pipe on an annual basis. Over 2,150 feet of storm sewer was cleaned during this reporting period. The Village will continue to systematically clean storm sewer pipes, inspect inlets, and respond to complaints and concerns regarding to storm sewer capacity and performance.

BMP F.2.2 - Street Sweeping

Milestone - Sweep business district 18 times per year and arterial streets 12 times per year.

Sweeping occurred as scheduled. Materials collected were transported to an approved land disposal facility. Approximately 70 tons of debris were removed from streets during the reporting year. We will continue sweeping streets as per the required schedule.

BMP F.4.1- Control village owned vehicle and equipment washing by performing all washes in enclosed washing bay which drains directly to sanitary sewer.

Milestone - Control Village owned vehicle and equipment washing by performing all washes in enclosed washing bay which drains directly to sanitary sewer.

All washing of Village owned vehicles and equipment is performed in an enclosed washing bay that drains directly to sanitary sewer to the extent that said vehicles can fit into the wash bay (the majority of vehicles).

BMP F.4.2- Oil and fluid disposal program to dispose of oils and fuels by a licensed waste hauler.

Milestone - As needed disposal of oil and fluids by a licensed waste hauler.

All used oil from Village equipment is recycled. All other fluids are disposed of by a licensed waste hauler. We will continue to recycle all used Village oil.

BMP F.6.1 - Reduce salt application rates by using environmentally friendly deicing chemicals.

Milestone - Reduce salt application by using environmentally friendly chemicals and document application rates.

Salt Geomelt-55 additive, which reduces application rate for salt effectiveness, was applied at a rate of 4-5 gallons of additive per ton of road salt. The Village used 1600 gallons of deicing chemicals in this reporting year. We will continue use of environmentally friendly chemicals and document the application rate.