

Stormwater Management Program Plan (SMPP)

Village of Cherry Valley Winnebago County, Illinois



March 18, 2021

Prepared by:



General NPDES Permit ILR40 Requirements:

The Village of Cherry Valley is to develop, implement, and enforce a storm water management program designed to reduce the discharge of pollutants from their MS4 to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the Illinois Pollution Control Board Rules and Regulations (35 IL. Adm. Code, Subtitle C, Chapter 1) and the Clean Water Act. The program must include the minimum control measures as described below.

Minimum Control Measures

The Village's control measures included in the program are as follows:

1. Public Education and Outreach on Storm Water Impacts
 - a. The Village of Cherry Valley will provide an informational handout titled "Stormwater Pollution Prevention" and make this available at Village Hall and be posted on the Village website. This pamphlet will provide information on minimizing the discharges of the following pollution from private properties into the storm sewer:
 - i. Auto Care – washing of vehicles, repair of leaks and disposal of auto fluids
 - ii. Yard Care – use of fertilizers, placement of grass clippings and watering of lawn
 - iii. General Household – encourage use of biodegradable, non-toxic products, and properly recycle/dispose of household chemicals, paints and solvents
 - b. The Village of Cherry Valley will provide a direct mailer to residents of the community. Information will be provided on Stormwater in the Village's Spring or Summer Quarterly Newsletter. This will indicate some typical storm water do's and don'ts for the homeowners.
 - c. The Village will periodically evaluate other opportunities to provide public outreach to their residents.
 - i. Research potential EPA links to display on the Village website to provide additional information to residents
 - ii. Research other resources to provide links to residents
 - d. The Village will annually evaluate the provided public education and outreach BMP's and measurable goals for inclusion in the Annual Facility Inspection Report to IEPA.
2. Public Involvement/ Participation
 - a. The Village of Cherry Valley complies with State and local public notice requirements when implementing a public involvement/ participation program.
 - b. The Village of Cherry Valley has an annual meeting to discuss storm water concerns at a regularly scheduled public meeting. At the meeting, a discussion will be provided discuss the Stormwater Management Program Plan and most recent Annual Facility Inspection Report on the MS4 program.
 - c. The Village will annually evaluate the public involvement/ participation BMP's and measureable goals for inclusion in the Annual Facility Inspection Report to IEPA.

3. Illicit Discharge Detection and Elimination

- a. The Village of Cherry Valley is working towards completing a storm sewer system map which locates the outfalls and names/locations of the receiving areas.
 - i. Upon completion, the map shall be periodically updated to incorporate new construction/ modifications to the system.
- b. The Village will review a regulatory method to prohibit, enforce and possibly penalize non-storm water discharges into the storm sewer system.
- c. The Village is currently developing a program to detect and eliminate illicit connections and discharges in the MS4. The program will include:
 - i. A schedule to provide dry inspection of various storm sewer outfall locations on a routine basis. A standardized checklist shall be utilized.
 - ii. A means for the public to report a potential illicit discharge or illegal dumping to the Village.
- d. Upon completion of the IDDE program, the Village will explore opportunities to educate the public and businesses about the hazards of illicit discharges.
- e. The Village will annually evaluate the Illicit Discharge Detection and Elimination BMP's and measurable goals for inclusion in the Annual Facility Inspection Report to IEPA.

4. Construction Site Storm Water Runoff Control

- a. The Village implements the following procedures for Construction Site Runoff Control:
 - i. Stormwater Detention Ordinance provides for the control of stormwater.
 - ii. Soil Erosion and Sedimentation Ordinance requires the following:
 1. Requires a Site Development Permit for site developments.
 2. Storm Water Pollution Protection Plan prepared in accordance with Standards and Specifications for Soil Erosion and Sediment Control (IEPA), Illinois Procedures and Standards for Urban Soil Erosion and Sedimentation Control (Northeastern Illinois Soil Erosion and Sedimentation Control Steering Committee adopted by Winnebago and Boone County Soil and Water Conservation District).
 3. Requires Inspections by Village throughout the project development.
 4. Provides enforcement options if site does not comply.
 - iii. Winnebago County Building Department oversees the construction of building structures and the Village oversees the development of site improvements.
 1. Village to develop standardized inspection checklists for staff to use.
 2. Develop and provide training for Village staff who will be conducting the inspections.
- b. Site plan reviews are conducted by the Village, or their appointed consultants, for all major developments to ensure compliance with Village ordinances and requirements.
- c. The Village will annually evaluate the Construction Site Storm Water Runoff Control BMP's and measurable goals for inclusion in the Annual Facility Inspection Report to the IEPA.

5. Post-Construction Storm Water Management in New Development and Redevelopment

- a. New development and redevelopment require the post construction control of volume and velocity of storm water flow per the Village Ordinances.
- b. Village Ordinances require final stabilization and restoration measures be indicated on the soil erosion and sedimentation control plans. This plan is also required to indicate the responsible party for maintenance of these areas and structures.
- c. The Village provides street sweeping 3-4 times per year to remove debris prior to entering the storm sewer system.
- d. The Village will annually evaluate the Post-Construction Storm Water Management BMPs and measurable goals for the inclusion in the Annual Facility Inspection Report to the IEPA.

6. Pollution Prevention/ Good Housekeeping

- a. The Village of Cherry Valley Public Works Department is responsible for Village operations and maintenance activities. These operations include the following: street sweeping, snow and ice control, storm sewer collection systems, grounds maintenance, vehicle maintenance and street maintenance throughout the Village.
 - i. The Village provides street sweeping on a periodic basis (3-4 times per year) to remove debris from roadways prior to it entering the storm sewer system.
 - ii. Vehicles are cleaned within a wash bay located inside the maintenance building and drains to sanitary sewer drains.
- b. The Village complies with the National Flood Insurance Program and implements a Flood Damage Prevention Ordinance to reduce flood risk.
- c. The Village annually evaluates its Pollution Prevention/ Good Housekeeping for Village operations BMPs and measurable goals, and reports on this evaluation in the Annual Report to the IEPA.