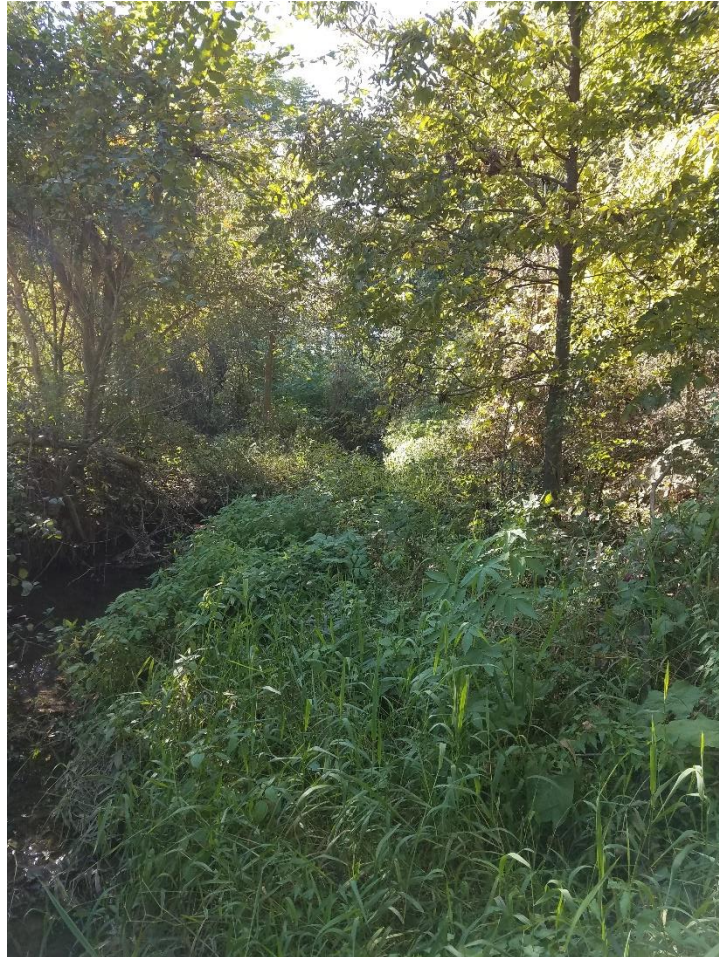


Village of Rockdale, Illinois

STORMWATER MANAGEMENT PROGRAM PLAN



Tributary to I&M Canal

Village of Rockdale
Will County, Illinois

2023

STORM WATER MANAGEMENT PROGRAM PLAN

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INTRODUCTION

The Village of Rockdale developed this Stormwater Management Program Plan (SMPP). The purpose of the SMPP is to meet the minimum standards required by the United States Environmental Protection Agency (USEPA) under the National Pollutant Discharge Elimination System (NPDES) Phase II program. Federal regulations through the USEPA require that all Municipal Separate Storm Sewer Systems (MS4s), partially or fully in urbanized areas based on the 2000 census, obtain storm water permits for their discharges into receiving waters. Illinois Environmental Protection Agency (IEPA) has issued a latest version of its MS4 Permit. The latest version of the permit became effective on March 1, 2016. According to the new permit, MS4s have 180 days from the effective date of the permit to comply with any changes or new provisions contained in the permit. This document describes the pollution prevention practices that comprise the Village of Rockdale's stormwater management program.

1. PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS

- Newsletter – The Village will work with the Will County Stormwater Management Planning Committee (WCSMPC) and Will County Green to produce and distribute educational newsletters about the impacts of storm water discharges on water bodies; the steps that the public can take to reduce pollutants in storm water runoff; the hazards associated with illegal discharges and improper disposal of waste; potential impacts and effects on storm water discharge due to climate change; storage and disposal of fuels, oils, and similar materials used in operation of or leaking from vehicles and other equipment; use of soaps, solvents, or detergents used in the outdoor washing of vehicles, furniture, and other property, paint and related décor; lawn and garden care; winter de-icing material storage and use; green infrastructure; and information on the benefits and costs of such strategies along with guidance on how to implement the strategies. The Village website will post a link to electronic newsletters. Hard copies will be available at the Village Hall.
- Public Service Announcement – The Village will announce when Will County Stormwater Management Planning Committee (WCSMPC) meetings are scheduled and where they will be located.
- Website – The Village will provide links to WCSMPC and Will County Green on their website and provide brochures at the Village Hall.

2. PUBLIC INVOLVEMENT AND PARTICIPATION

- Public Service Announcement – All public involvement and participation programs will comply with State public notice requirements.
- Will County Stormwater Management Planning Committee (WCSMPC) Meetings – The Village will announce when Will County Stormwater Management Planning Committee (WCSMPC) meetings are scheduled and where they will be located. The WCSMPC schedules nine meeting times a year. The Village will encourage stakeholders to join the meetings.
- Lower Des Plaines River Ecosystem Partnership – The Village will encourage residents to participate and comment on the Lower Des Plaines River Watershed Plan.
- Environmental Justice – The Village of Rockdale will identify environmental justice areas within the watershed planning authorities to ensure prioritization of efforts regarding public involvement, education, and participation initiatives.

- Village MS4 Public Meeting – The Village will announce when they hold the annual public meeting to present and discuss the Municipal Separate Storm Sewer Systems (MS4s) permit status for the Village. The meeting will occur annually in June at the Village Board meeting. The Village will encourage stakeholders to join the meetings.

3. ILLICIT DISCHARGE DETECTION AND ELIMINATION

- Storm Sewer System Map – The Village is developing a storm sewer system GIS-based map, so they will trace suspicious discharges to their source. The Village will update the map whenever a modification to the storm sewer system occurs due to a Village project or by private development. The Village conducts dry weather screening and is in the process of conducting an outfall inventory of the streams within the Village limits.
- Resident Reporting – Residents can report instances of pollution or suspected pollution by contacting the Village at (815) 725-8937. The Village will log all reported illicit discharges on Indirect Illicit Discharge Tracking Forms. The reporting phone number will be available on the Village website and available newsletters at the Village Hall.
- Detection – Village staff inspects the storm sewer system every quarter for evidence of illicit discharges while performing routine operation and maintenance activities. The Village provides Illicit Discharge Detection and Elimination Training to municipal staff and provides a written Tracing and Tracking Standard Operating Procedure. The Village will log detected illicit discharges on Indirect Illicit Discharge Tracking Forms.
- Source Removal – The Village’s response to illicit discharges depends on the source of the discharge. In most cases, the Village will notify property owners of the need to eliminate an illicit discharge. In the case of emergency spills or incidents of hazardous material dumping, the local Fire Protection District would respond.
- Prioritization Plan – The Village will review the previous year’s Indirect Illicit Discharge Tracking Forms and establish a prioritization plan for inspection of outfalls, placing priority on outfalls with the greatest potential for non-storm water discharges.

4. CONSTRUCTION SITE STORM WATER RUNOFF CONTROL

- Village Code – The Village has guidelines for developers in place that require providing planning and construction of erosion control during all phases of construction. The Village ordinances also control construction wastes and their disposal.
- National Pollutant Discharge Elimination System (NPDES) – All construction sites that are required to file for coverage under the NPDES, general or individual permits, shall have a Storm Water Pollution Prevention Plan (SWPPP) that meets the requirements of the current NPDES Permit No. ILR10, including management practices, controls, and other provisions at least as protective as the requirements contained in the latest version of the Illinois Urban Manual. The Village engineer will review submitted SWPPP plans as part the Village approval process for the development. The Village performs periodic inspection of construction sites to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction sites. The Village will require that insufficient erosion and sediment control measures are addressed promptly.
- Site Plan Review – The Village reviews site plans to ensure water quality and erosion are consistent with pre-construction conditions.

- Inspection – The Village staff and/or Village engineer will inspect soil erosion prevention measures for compliance.

5. POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

- Inventory – The Village is conducting an inventory of residential, commercial, and industrial sites that have on-site detention basins. It is the Village's goal to perform periodic inspections for proper maintenance and operation for commercial and industrial sites and create a maintenance program to provide annual detention pond inspection and maintenance for residential sites.
- Site Plan Review – The Village reviews site plans of new private development and redevelopment sites to ensure water quality are consistent or better than pre-construction conditions.
- Public Construction – The Village will develop and implement projects that minimize the volume of storm water runoff and pollutants from public construction projects using BMPs.
- Village Code – The Village has ordinances in place that require providing planning and construction of stormwater runoff.

6. POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

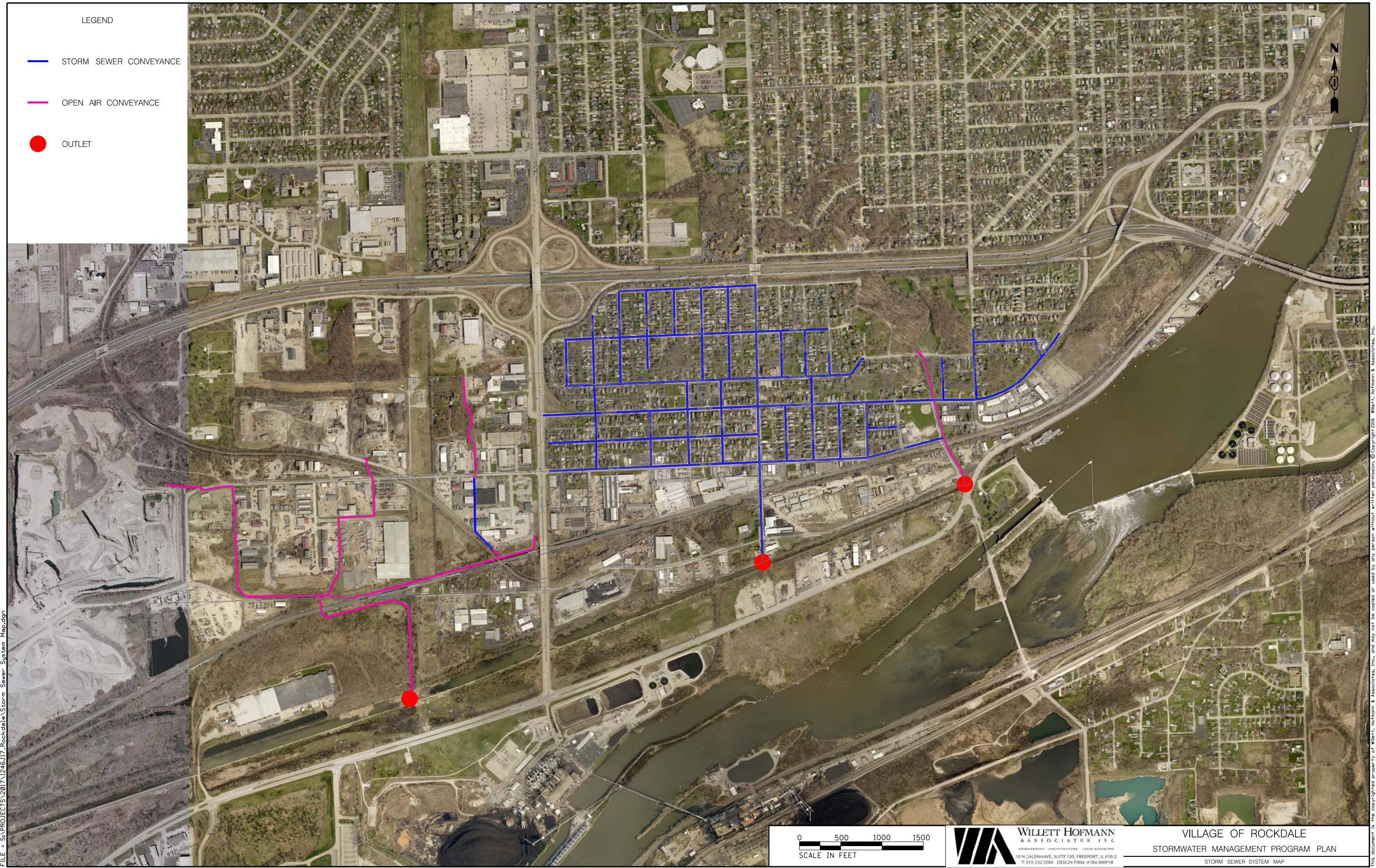
- Employee Training – The Village will train at least once annually the Public Works Department staff on topics such as: material storage, hazardous wastes, illicit discharges, equipment cleaning, vehicle maintenance, street maintenance, storm sewer/storm structure maintenance, and lawn and landscape care.
- Street Sweeping – The Village has a street sweeping program. Village Public Works staff will temporarily store street sweepings for no longer than 12 hours at the Public Works facility until they are hauled away by Village Public Works staff to a licensed waste hauler. The staff will keep a log of these activities.
- Inspection and Maintenance – When weather permits, the Village has a crew that cleans storm sewer structures and removes debris from manholes and catch basins. Public Works tracks cubic yards of material hauled to waste sites. The staff will keep a log of these activities.
- Material Storage – The Village staff will store flammable materials in indoor fire-resistant cabinets. The Village staff will store road salt in a permanent salt storage structure.
- Landscaping – Village Public works staff apply pesticides and herbicides to Village property in accordance with required environmental application requirements.
- Fleet Maintenance and Cleaning – The Village staff will maintain and clean the vehicles and equipment at the Public Works facility. Village Public Works staff will store waste oil for lawn maintenance tractors in a tank and will recycle the oil. All street and public utility maintenance vehicles and tractors are maintained at a third-party maintenance facility.

MONITORING, RECORD KEEPING, AND REPORTING

- Documentation – Training, inspections, illicit discharges, and assessments will be documented and stored at the Village Hall.
- Notice of Intent – The term of the Village’s General Permit from the IEPA is five years. At the end of each permit term, the Village submits a Notice of Intent to comply with the conditions of the General Permit to the IEPA. This Notice of Intent describes the practices the Village intends to implement to meet the conditions of the General Permit.
- Annual Report – Each year the Village submits a report to the IEPA documenting its status of compliance with the conditions of the General Permit. The report will include an annual evaluation of public education and outreach BMPs, public involvement and participation BMPs, illicit discharge detection and elimination BMPs, construction site storm water control BMPs, post-construction storm water management BMPs, pollution prevention and good housekeeping for municipal operations, and measurable goals.

APPENDICES

Storm Sewer System Map



LEGEND

- STORM SEWER CONVEYANCE
- OPEN AIR CONVEYANCE
- OUTLET

0 500 1000 1500
SCALE IN FEET



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VILLAGE OF ROCKDALE
STORMWATER MANAGEMENT PROGRAM PLAN
STORM SEWER SYSTEM MAP