



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, 2019 _____ To March, 2020 _____

Permit No. ILR40 0458

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

Name: VILLAGE OF SWANSEA Mailing Address 1: 1444 BOUL AVENUE
Mailing Address 2: _____ County: St. Clair
City: SWANSEA State: IL Zip: 62226 Telephone: 618-234-0044
Contact Person: DALLAS ALLEY Email Address: dalley@swanseail.org
(Person responsible for Annual Report)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION ST. CLAIR COUNTY
ST. CLAIR TOWNSHIP

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))

Dallas Alley
Owner Signature:
DALLAS ALLEY
Printed Name:

May 22 2020
Date:
BUILDING & ZONING 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

ADMINISTRATIVE REVISIONS TO THE NOTICE OF INTENT

Revisions to the original Notice of Intent (NOI) are reflected below.

MS4 Operator Mailing Address: Yes _____ No X

Persons Responsible: Yes _____ No X

Name: _____

Title: _____

Telephone Number: _____

Area of Responsibility: _____

Introduction

In 2003, St. Clair County (County), Illinois and its communities created a Co-Permittee Group to join forces in complying with the National Pollutant Discharge Elimination System (NPDES) for Municipal Separate Storm Sewer Systems (MS4) Phase II requirements. As stated in the original 2003 Notice of Intent (NOI), the County and the Co-Permittee communities were to pool resources and work together to comply with the commitments made within the NOI for the benefit of all within the County.

The Co-Permittee Group was active during this reporting period. Significant progress was made sharing Best Management Practices (BMPs) for document retention, operation procedures, and maintenance activities.

Best Management Practice (BMP) Summary of 2019-2020 Activities

In 2003, each member of the Co-Permittee Group submitted a NOI in compliance with the first 5-year cycle. In 2008, a NOI was submitted in compliance with the next 5-year cycle, as written in the first MS4 permit. The 2009 NOI was submitted in compliance with additional requirements in the second MS4 permit. In 2013, a new NOI was submitted for the next 5-year cycle and was in place starting in March 2014. As stated in the 2003, 2008, 2009, and 2013 NOIs, each Co-Permittee Member identified certain activities to comply with the Phase II requirements. Below is an abbreviated summary of the BMPs that were written in the NOI for each of the minimum control measures.

March 2019-February 2020:

- 1) **A.1-** Storm water brochures for businesses, homeowners, children, and green infrastructures were to be promoted and displayed by each community in a public place.
- 2) **A.4-** St. Clair County sponsored a booth at the County Fair and/or Earth Day and distributed the storm water and green infrastructure brochures.
- 3) **A.5-** St. Clair County posted newsletters on the County Health Department website during school months. Co-Permittee Members distributed educational materials to schools in their communities. The amount of material distributed was to be tracked by the communities.
- 4) **B.3-** The Co-Permittee Group met three (3) times to review upcoming permit requirements, notice of intent, review storm water management program, operations training, and to develop and submit the Annual Report.
- 5) **B.5-** Co-Permittee Members solicited and encouraged public assistance in monitoring the community's storm water system. Public inquiries and complaints were responded to and recorded.
- 6) **B.6-** St. Clair County continued to promote programs related to storm water activities and recycling programs. The community tracked its participation.

- 7) **C.1-** Co-Permittee Members updated any new or revised storm sewers and performed stream observations at bridge inspections.
- 8) **C.5-** A survey of previously installed stencils was to be performed as well as replacing or placing any that needed inlet stencils.
- 9) **C.6-** Communication brochures were distributed to the community. Co-Permittee Members discussed any known illicit discharge ordinance compliance issues in the communities.
- 10) **C.9-** Co-Permittee Members developed brochures addressing specific storm water ordinance prohibited activities and distributed with educational brochures.
- 11) **D.1, E.2, E.4-** Community storm water ordinances were to be updated, if needed, and require a SWPPP on site plans disturbing more than one acre.
- 12) **D.2, F.1-** The Co-Permittee held an Operations Training class. Topics included a review of the history of drainage systems, the Clean Water Act and NPDES permits, and the impacts of storm water.
- 13) **D.5-** St. Clair County continued to maintain a storm water hotline number to address public concerns related to storm water issues. County tracked and reported the number of calls.
- 14) **F.6-** Communities reviewed operating procedures and BMPs and modified if necessary.

The following pages highlight changes made to the BMPs from the NOI, BMP status, and activities planned for the next reporting year. Additional information is also provided from the County and each Community.

It is to be noted that some BMPs will continue on to the next NOI, but some will be stopped, and others added to fulfill the requirements of the permit. The 2014-2019 NOI can be found on the IEPA website.

Village of Swansea FOIA Officer for the reporting year:

Name: Bonnie Carmack

Title: FOIA Officer / Deputy Village Clerk

Telephone Number: (618) 234-0044

IEPA Annual Report for Storm Water Discharges from MS4 Communities- Period: March 2019 through February 2020

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the storm water activities you plan to undertake with an implementation schedule		
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. A.1 - Distributed Paper Materials- Informational Brochures								
Milestone For Reporting Year: Promote the availability of brochures to the residents.								
		X	The Village has updated brochures available to residents at the City Hall and distributes brochures to all new residents. Educational topics include storage and disposal of fuels/oils, outdoor use of soaps and solvents, paint disposal, lawn and garden care, winter deicing materials storage and use, and green infrastructure. The public storm water hotline number is included.	The Village distributed 275 of 300 printed brochures during the reporting year.		X	St. Clair County has brochures available to all county residents at the St. Clair County Health Department.	Ongoing through 2020-2021 permit year.
BMP No. A.4- Community Event- Sponsor Annual Booth at the Earth Day Festival								
Milestone For Reporting Year: St. Clair County sponsored a booth at the Earth Day Festival.								
		X	St. Clair County sponsored a booth and distributed storm water materials at the Health Department Earth Day Celebration in April 2019. Approximately 100 storm water brochures were distributed.			X	St. Clair County is responsible for the booth and tracking the number of brochures handed out.	The 2020 Earth Day event will be in May.
BMP No. A.5- Classroom Education Material								
Milestone For Reporting Year: Communities distributed educational materials and tracked the number of brochures and other materials handed out to the schools.								
		X	St. Clair County posted educational newsletters on the Health Department's Website. The Village posted educational storm water brochures on its Website.	Review of Classroom Education Materials- See page 11		X	The communities will inform local schools that the newsletters are available on the Health Department's Website.	Ongoing through 2020-2021 permit year.

IEPA Annual Report for Storm Water Discharges from MS4 Communities- Period: March 2019 through February 2020

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the storm water activities you plan to undertake with an implementation schedule		
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. B-3- Stakeholder's Meeting- Coordinate Meetings and Annual Reports								
Milestone For Reporting Year: Co-Permittee Group met three (3) times to complete training and to develop and submit the Annual Report.								
		X	Co-Permittee Meetings were held on Feb. 28th, May 2nd, and October 31st, 2019. Annual reports were provided to communities in May 2019 and submitted to IEPA before June 1st, 2019. Meeting topics included: Annual Reporting and O&M Manuals, Reducing Road Salt Use and Visual Water Sampling Training, and Operations Training. Village representatives attended all three meetings.			X	The Village will continue to meet with the Co-Permittee Group to share BMPs and training opportunities. The Co-Permittee Group has planned three compliance/training activities for 2020.	Ongoing through 2020-2021 permit year.
BMP No. B-5- Volunteer Monitoring- Solicit and Encourage Public Assistance in Monitoring the Community's Storm Water System & Storm Water Hotline								
Milestone For Reporting Year: Community will work to involve more public assistance in reporting storm water issues.								
		X	The Village updated its brochures and Website with the County contact information for the reporting of storm water issues. Any calls or emails are recorded and addressed.			X	The community will continue to respond to and record all public complaints of illicit discharge and/or dumping and storm water issues.	Ongoing through 2020-2021 permit year.
BMP No. B.6- Program Coordination- Participate in programs targeted at public awareness, including: Inlet Stenciling and Recycling								
Milestone for Reporting Year: St. Clair County continued to promote programs related to storm water activities. Communities tracked participation.								
		X	County will continue to promote programs related to storm water activities and recycling. Multiple media outlets will be used to communicate with municipalities.	Review of Community Events - See page 11		X	County will continue to promote programs related to storm water activities. Multiple media outlets will be used to communicate with municipalities.	Ongoing through 2020-2021 permit year.

IEPA Annual Report for Storm Water Discharges from MS4 Communities- Period: March 2019 through February 2020

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the storm water activities you plan to undertake with an implementation schedule		
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. B.7- Other Public Involvement - the community will provide a public meeting annually for public input into for the MS4 program								
Milestone for Reporting Year: The communities will provide a public meeting annually for public input for the MS4 program.								
		X	The Village held a public input meeting regarding the adequacy of the MS4 Program in October 2019. The MS4 program and environmental justice areas within the Village jurisdiction were discussed, but no public input was received.	Review of Other Public Involvement - See page 11		X	Community will continue to hold a public meeting to solicit public input regarding the adequacy of the MS4 program.	Ongoing through 2020-2021 permit year.
BMP No. C.1- Storm Sewer Map Preparation								
Milestone for Reporting Year: Co-Permittee member communities reviewed outfall maps and conducted stream observations annually at bridge inspections.								
		X	Swansea reviewed the entire storm system map for errors and missing data in December of 2019. Swansea has outfall locations, storm water systems, and waters receiving outfall discharge mapped.			X	The Village will continue to update their storm system maps to include modifications to the system.	Ongoing through 2020-2021 permit year.
BMPs No. C.2, C.9- Regulatory Control Program- Ordinance language for Illicit discharge/public notification								
Milestone for Reporting Year: Communication brochures were distributed to the community.								
		X	St. Clair County distributed brochures at the Earth Day event and has them available at the Health Department. Village ordinances were not updated during the 2019-2020 reporting year.			X	This BMP will not continue into the next NOI.	
BMP No. C.5- Inlet Stenciling								
Milestone for Reporting Year: Survey condition of inlet stencils.								
		X	Swansea assessed the condition of the stencils and currently 95% of the inlets are marked. Stencils will be installed on inlets where they have fallen off or were otherwise removed.	Review of Illicit Source Removal Procedures - See page 11		X	Communities will survey samples of stencils previously installed, replace ones that need to be replaced, and assure all new inlets are installed with stencils.	Ongoing through 2020-2021 permit year.

IEPA Annual Report for Storm Water Discharges from MS4 Communities- Period: March 2019 through February 2020

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the storm water activities you plan to undertake with an implementation schedule		
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. C.6- Program Evaluation and Assessment								
Milestone for Reporting Year: Perform illicit discharge detection and elimination in the Community's storm water system.								
		X	Communities will perform stream observations during their annual bridge inspections and take appropriate action if any illicit discharge is found.	Review of Illicit Source Removal Procedures - See page 11		X	Communities will continue to perform stream observations and address illicit discharge per the community ordinance.	Ongoing through 2020-2021 permit year.
BMP No. C.9- Public Notification								
Milestone for Reporting Year: Community will update ordinance brochure.								
		X	Brochures will be updated to address specific storm water ordinance prohibited activities and distributed with brochures addressed in BMP A1.			X	Ordinance brochures will be updated and distributed to the community throughout years 2015-2020	Brochure to be updated in 2020-2021 reporting year.
BMPs No. D.1, E.2, and E.4- Site Plan and Pre-Construction Review Procedures								
Milestone for Reporting Year: Update storm water ordinance.								
		X	The Village storm water ordinance was not updated during the 2019-2020 reporting year.			X	This BMP will not continue into the next NOI.	
BMP No. D.1- Regulatory Control Program								
Milestone for Reporting Year: Require SWPPP on all site plans disturbing more than one acre of land inside the Community.								
		X	Swansea requires an SWPPP on sites disturbing over 1 acre and enforces ordinance provisions.			X	The community will continue to require SWPPP on sites disturbing over 1 acre and verify the proper use of sediment and erosion control techniques.	Ongoing through 2020-2021 permit year.

EPA Annual Report for Storm Water Discharges from MS4 Communities- Period: March 2019 through February 2020

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the storm water activities you plan to undertake with an implementation schedule		
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. D.2- Erosion and Sediment Control BMPs								
Milestone for Reporting Year: Community will participate in BMP training during Annual Operations Training.								
		X	The community had three representatives participate in BMP training during the Annual Operations Training on October 31, 2019.			X	Community will continue to participate in BMP training.	Ongoing through 2020-2021 permit year.
BMP No. D.5- Storm Water Hotline								
Milestone for Reporting Year: County continued to maintain a storm water hotline number to address public concerns related to storm water issues. County tracked and reported the number of calls.								
		X	St. Clair County maintained the hotline number during the reporting period. Communities respond to complaints of residents for storm-water-related issues.			X	County and Communities will respond to calls and emails for storm water issues.	Ongoing through 2020-2021 permit year.
BMPs No. D.6 and E.5- Training for Construction Site Inspectors								
Milestone for Reporting Year: Construction Site Inspection Training was provided this year.								
		X	No Construction Site Inspection Training was needed this year.			X	The last Construction Site Inspection training took place in April 2017. This BMP will not continue into the next NOI.	
BMP No. E.2- Regulatory Control Program								
Milestone for Reporting Year: Enforce Storm Water Ordinance.								
		X	Communities will continue to enforce their storm water ordinance and track changes made to the ordinance. The Village had no changes this year.			X	Communities will continue to enforce their storm water ordinance.	Ongoing through 2020-2021 permit year.

IEPA Annual Report for Storm Water Discharges from MS4 Communities- Period: March 2019 through February 2020

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the storm water activities you plan to undertake with an implementation schedule		
Comment	YES	NO		If attached information, describe.	YES	NO	Activity	Schedule
BMP No. E.4- Pre-Construction Review of BMP Designs								
Milestone for Reporting Year: Review post-construction BMPs.								
		X	The community will require and review SWPPPs on site plans disturbing more than one (1) acre of land.			X	Communities will review the post construction BMPs on all sites that disturb more than one acre in land.	Ongoing through 2020-2021 permit year.
BMP No. F.1- Employee Training Program								
Milestone for Reporting Year: The Co-Permittee held an Operations Training class.								
		X	Training focused on a review of the history of drainage systems, the Clean Water Act and NPDES permits, and the impacts of storm water. The City had three representatives who attended operations training.			X	The Co-Permittee Group will continue holding an Operations Training class as part of education requirements.	Ongoing through 2020-2021 permit year.
BMP No. F.6- Other Municipal Operations Controls- Standard Operating Procedures								
Milestone for Reporting Year: Communities reviewed operating procedures and BMPs and modified if necessary.								
		X	Municipal storm water operation procedures were reviewed in November 2019 and modified in November 2018.			X	Operation procedures are reviewed annually. Co-Permittee meetings will include reference to review and update requirements.	Ongoing through 2020-2021 permit year.

ADDITIONAL INFORMATION

<p>BMP A.5</p>	<p><u>Classroom Educational Materials</u></p> <p>The County has taken steps to educate school children on the severity of storm water pollution. The St. Clair County Health Department issues a newsletter each month and it is posted on the St. Clair County Health Department's Website. The newsletter consists of articles for students with a wide range of pollution topics, including storm water. The newsletter also lists upcoming recycling events and schools that have won past recycling contests.</p>
<p>BMP B.6</p>	<p><u>Community Events - Recycling Programs</u></p> <p>Throughout the year, St. Clair County sponsored community events that potentially could positively impact storm water quality. These activities include telephone book recycling and an ongoing "Clean Sweep" program. Telephone book recycling was sponsored by Illinois American Water. The County Website also has a brochure listing recycling sites for over 29 different materials.</p> <p>The Village participates in year-round recycling programs that include Christmas trees, paper, paint, plastic, batteries, and medicine.</p>
<p>BMP B.7</p>	<p><u>Other Public Involvement</u></p> <p>St. Clair County held a public meeting regarding the adequacy of the MS4 program. The public is encouraged to assist in monitoring the community's storm water system by reporting illegal dumping and discharge or storm water issues either directly to the Village or through the County. The St. Clair County storm water hotline number is posted on its Website and is provided in educational brochures. The Village held a public input meeting in October 2019 but received no public feedback.</p>
<p>BMP C.5</p>	<p><u>Illicit Source Removal Procedures</u></p> <p>The St. Clair County Highway Department sponsors an Adopt-a-Highway Program throughout the County. By sponsoring this program, St. Clair County is eliminating a significant source of storm water pollution by keeping trash out of streams and keeping road ditches clear of debris for storm events.</p> <p>The Village of Swansea monitored the creek along Boul Avenue and Fullerton Road for illicit discharge. Additionally, the Village monitored Wolf Branch along Illinois Route 159 and Richland Creek along Illinois Route 161 and Old Collinsville Road.</p>

ADDITIONAL COMMUNITY ACTIVITIES

(Make additional copies of form, as necessary)

Community Name: Village of Swansea

Permit #: ILR400458

List any additional community-sponsored activities performed between March 2019 and February 2020 not listed in *Notice of Intent (NOI)* submittal, but which addresses one of the six minimum control measures:

- Swansea graded 12 miles of ditches along Grimmig Road, Old Caseyville Road, Smelting Works Road, Munie Road, and Llewellyn Road. Cleaning along 15 miles in these same areas removed approximately 2 tons of trash, 3 truckloads of limbs, and 5 truckloads of silt and rock. Straw mats and riprap were used as erosion control BMPs.
- The Village used two 8-cubic-yard dumpsters for trash retrieved from road ditches and waterways. The dumpsters were emptied weekly.
- Street sweeping crews spent 285 hours sweeping 350 miles of roadways, removing 395,000 pounds of trash and debris from roadways.
- The Village has a municipality Website and posts their storm water pollution prevention plan, educational brochures, annual reports, the storm water hotline number, and the NOI.
- Swansea has cleaned 211 catch basins since March 2019.
- Swansea cleaned 2 miles of Swansea Creek over one day, removing 2 tons of trash, 4 tires, and 1 truckload of limbs.
- The Village monitored the following streams for illicit discharge in November and December of 2019: Richland near Illinois Route 161 and Old Collinsville Road, Wolf Branch near Illinois Route 159, and Swansea Creek near Boul Avenue and Fullerton Road
- On November 11, 2019, five trees were planted in Melvin Price Park. The species of trees planted included Pin Oak, White Oak, and Honey Locust.
- The Village is developing a process to assess the water quality impacts of flood management projects affecting the municipality.
- Swansea attended the Illinois Association of Floodplain and Storm Water Managers Annual Conference held March 12-14, 2019 and held the position of Treasurer.

Circle which minimum control measure addressed:

- | | |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <input checked="" type="radio"/> 1. Public Education and Outreach | <input type="radio"/> 4. Construction Site Runoff Control |
| <input type="radio"/> 2. Public Participation/Involvement | <input type="radio"/> 5. Post-Construction Runoff Control |
| <input checked="" type="radio"/> 3. Illicit Discharge Detection & Elimination | <input checked="" type="radio"/> 6. Pollution Prevention/Good Housekeeping |

C. Information Collected and Analyzed during 2019-2020 Reporting Year

The NPDES permit effective March 1, 2016, requires MS4 permittees serving populations under 25,000 persons to conduct visual observations of storm water discharge. The Village of Swansea began storm water sampling during the first quarter of 2017. The Village is using a Standard Visual Monitoring Form to document discharge color, clarity, oil sheen, odor, floating solids, suspended solids, vegetation conditions, settled solids, foam, and damage to the outfall structure. The standard form is used to ensure systematic collection, reduce error, and provide continuity between observations. Visual observation training was provided through the MS4 Co-Permittee Group.

The Village of Swansea took two storm water samples per quarter, one upstream and one downstream, at two locations along Richland Creek. Samples were taken quarterly at each location within 48 hours of a 1/4-inch-or-greater rainfall event in a 24-hour period. If a sample could not be taken during the quarter, an explanation was to be provided. The storm water monitoring program will help evaluate the effectiveness of BMPs implemented to reduce pollutant loadings and water quality impacts. When trends in the data are identified, BMPs can be adjusted accordingly.

The Quarterly Visual Monitoring forms and information collected are attached. Sampling outfall locations for the reporting year were:

- Richland Creek Upstream – Sampling Location ID 1
- Richland Creek Downstream – Sampling Location ID 2

E. Reliance on Government Entities for Permit Obligations

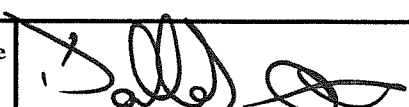
Co-Permittee cooperation with County

F. List of Construction Projects during 2019-2020 Reporting Year

The Village had no public construction projects during the reporting year.


Quarterly Visual Monitoring Form

Fill out a separate form for each sample collected (one form per outfall)

Facility	Village of Swansea		Permit ILR40 -	0458	
Sampler's Name (please print)	Dallas Alley		Qualifying Rain Event	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Outfall ID. (refer to site map)	Richland Creek	Outfall Description (ex: ditch, grassed swale, concrete pipe)		Dirt	
Quarter/ Year	1/19	Date/Time Collected	February 7th @ 4:00 p.m.	Date/Time Examined	February 7th @ 5:30
Est. Time of Rainfall Start	1:00 a.m.	Rainfall Amount	1.17 "	Runoff Source	<input type="checkbox"/> Snowmelt <input checked="" type="checkbox"/> Rainfall
Parameter	Parameter Description		Parameter Characteristics		
Color	Does the stormwater appear to have any color? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Clear)		<input type="checkbox"/> Yellow <input checked="" type="checkbox"/> Brown <input type="checkbox"/> Red <input type="checkbox"/> Gray <input type="checkbox"/> Other _____		
Clarity	Is the stormwater clear? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Opaque <input type="checkbox"/> Milky/Cloudy <input checked="" type="checkbox"/> Suspended Solids <input type="checkbox"/> Other _____		
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Floating Oil Globules <input type="checkbox"/> Rainbow Sheen <input type="checkbox"/> Other _____		
Odor	Does the sample have an odor? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Chemical <input type="checkbox"/> Musty <input type="checkbox"/> Rotten Eggs <input type="checkbox"/> Sewage <input type="checkbox"/> Other _____		
Floating Solids	Is there anything on the surface of the sample? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Suds <input type="checkbox"/> Garbage <input type="checkbox"/> Sewage <input type="checkbox"/> Oily Film <input type="checkbox"/> Other _____		
Suspended Solids	Is there anything suspended in the sample? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Description: Silt		
Damage to Outfall Structure	Is there any damage to the outfall structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Concrete Cracking <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Other _____		
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		<input type="checkbox"/> Inhibited Growth <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Excessive <input type="checkbox"/> Other _____		
WAIT 30 MINUTES					
Settled Solids	Is there something settled on the bottom of the sample? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Description (note type, size, & material): Silt in two layers one of soil and one of sand		
Foam	Is there foam or material forming on the top of the sample surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Description (shake bottle gently, is there foam?)		
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample.					
Sampler's Signature and Date	 2-7-2019				


Quarterly Visual Monitoring Form

Fill out a separate form for each sample collected (one form per outfall)

Facility		Village of Swansea		Permit ILR40 -		0458	
Sampler's Name (please print)			Dallas Alley			Qualifying Rain Event	
						<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Outfall ID. (refer to site map)		Richland Creek		Outfall Description (ex: ditch, grassed swale, concrete pipe)		Dirt	
Quarter/Year	2/19	Date/Time Collected	April 18th @ 11:00 a.m.		Date/Time Examined	April 18th @ 12:30 p.m.	
Est. Time of Rainfall Start	12:30 a.m.	Rainfall Amount	1.62"		Runoff Source	<input type="checkbox"/> Snowmelt <input checked="" type="checkbox"/> Rainfall	
Parameter		Parameter Description			Parameter Characteristics		
Color		Does the stormwater appear to have any color? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Clear)			<input type="checkbox"/> Yellow <input checked="" type="checkbox"/> Brown <input type="checkbox"/> Red <input type="checkbox"/> Gray <input type="checkbox"/> Other _____		
Clarity		Is the stormwater clear? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Opaque <input type="checkbox"/> Milky/Cloudy <input checked="" type="checkbox"/> Suspended Solids <input type="checkbox"/> Other _____		
Oil Sheen		Can you see a rainbow effect or sheen on the water surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Floating Oil Globules <input type="checkbox"/> Rainbow Sheen <input type="checkbox"/> Other _____		
Odor		Does the sample have an odor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Chemical <input checked="" type="checkbox"/> Musty <input type="checkbox"/> Rotten Eggs <input type="checkbox"/> Sewage <input type="checkbox"/> Other _____		
Floating Solids		Is there anything on the surface of the sample? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Suds <input type="checkbox"/> Garbage <input type="checkbox"/> Sewage <input type="checkbox"/> Oily Film <input type="checkbox"/> Other _____		
Suspended Solids		Is there anything suspended in the sample? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Description: Silt		
Damage to Outfall Structure		Is there any damage to the outfall structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Concrete Cracking <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Other _____		
Vegetation Conditions		Describe plant growth around the stormwater discharge location using the check boxes.			<input type="checkbox"/> Inhibited Growth <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Excessive <input type="checkbox"/> Other _____		
WAIT 30 MINUTES							
Settled Solids		Is there something settled on the bottom of the sample? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Description (note type, size, & material): Silt in two layers one of soil and one of sand		
Foam		Is there foam or material forming on the top of the sample surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Description (shake bottle gently, is there foam?)		
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample.							
Sampler's Signature and Date					4-18-19		


Quarterly Visual Monitoring Form

Fill out a separate form for each sample collected (one form per outfall)

Facility	Village of Swansea		Permit ILR40 -	0458	
Sampler's Name (please print)	Dallas Alley		Qualifying Rain Event	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Outfall ID. (refer to site map)	Richland Creek	Outfall Description (ex: ditch, grassed swale, concrete pipe)		Dirt	
Quarter/Year	3/19	Date/Time Collected	July 22 @ 9:00 a.m.	Date/Time Examined	July 22 @ 10:30 p.m.
Est. Time of Rainfall Start	3:00 a.m.	Rainfall Amount	3.03	Runoff Source	<input type="checkbox"/> Snowmelt <input checked="" type="checkbox"/> Rainfall
Parameter	Parameter Description		Parameter Characteristics		
Color	Does the stormwater appear to have any color? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Clear)		<input type="checkbox"/> Yellow <input checked="" type="checkbox"/> Brown <input type="checkbox"/> Red <input type="checkbox"/> Gray <input type="checkbox"/> Other _____		
Clarity	Is the stormwater clear? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Opaque <input type="checkbox"/> Milky/Cloudy <input checked="" type="checkbox"/> Suspended Solids <input type="checkbox"/> Other _____		
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Floating Oil Globules <input type="checkbox"/> Rainbow Sheen <input type="checkbox"/> Other _____		
Odor	Does the sample have an odor? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Chemical <input type="checkbox"/> Musty <input type="checkbox"/> Rotten Eggs <input type="checkbox"/> Sewage <input type="checkbox"/> Other _____		
Floating Solids	Is there anything on the surface of the sample? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Suds <input type="checkbox"/> Garbage <input type="checkbox"/> Sewage <input type="checkbox"/> Oily Film <input type="checkbox"/> Other _____		
Suspended Solids	Is there anything suspended in the sample? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Description: Silt		
Damage to Outfall Structure	Is there any damage to the outfall structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Concrete Cracking <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Other _____		
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		<input type="checkbox"/> Inhibited Growth <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Excessive <input type="checkbox"/> Other _____		
WAIT 30 MINUTES					
Settled Solids	Is there something settled on the bottom of the sample? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Description (note type, size, & material): Silt in two layers of soil		
Foam	Is there foam or material forming on the top of the sample surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Description (shake bottle gently, is there foam?)		
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample.					
Sampler's Signature and Date	 7-22-19				

Quarterly Visual Monitoring Form

Fill out a separate form for each sample collected (one form per outfall)

Facility	Village of Swansea		Permit ILR40 -	0458	
Sampler's Name (please print)	Dallas Alley		Qualifying Rain Event	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Outfall ID. (refer to site map)	Richland Creek	Outfall Description (ex: ditch, grassed swale, concrete pipe)		Dirt	
Quarter/Year	4/19	Date/Time Collected	October 31 @ 11:00 a.m.	Date/Time Examined	October 31 @ 12:30 p.m.
Est. Time of Rainfall Start	1:00 a.m.	Rainfall Amount	.96	Runoff Source	<input type="checkbox"/> Snowmelt <input checked="" type="checkbox"/> Rainfall
Parameter	Parameter Description		Parameter Characteristics		
Color	Does the stormwater appear to have any color? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Clear)		<input type="checkbox"/> Yellow	<input checked="" type="checkbox"/> Brown	
			<input type="checkbox"/> Red	<input type="checkbox"/> Gray	
			<input type="checkbox"/> Other _____		
Clarity	Is the stormwater clear? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Opaque	<input type="checkbox"/> Milky/Cloudy	
			<input checked="" type="checkbox"/> Suspended Solids		
			<input type="checkbox"/> Other _____		
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Floating Oil Globules		
			<input type="checkbox"/> Rainbow Sheen		
			<input type="checkbox"/> Other _____		
Odor	Does the sample have an odor? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Chemical	<input type="checkbox"/> Musty	
			<input type="checkbox"/> Rotten Eggs	<input type="checkbox"/> Sewage	
			<input type="checkbox"/> Other _____		
Floating Solids	Is there anything on the surface of the sample? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Suds	<input type="checkbox"/> Garbage	
			<input type="checkbox"/> Sewage	<input type="checkbox"/> Oily Film	
			<input type="checkbox"/> Other _____		
Suspended Solids	Is there anything suspended in the sample? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Description:		
Damage to Outfall Structure	Is there any damage to the outfall structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Concrete Cracking	<input type="checkbox"/> Peeling Paint	
			<input type="checkbox"/> Corrosion	<input type="checkbox"/> Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		<input type="checkbox"/> Inhibited Growth	<input type="checkbox"/> Excessive	
			<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Other _____	
WAIT 30 MINUTES					
Settled Solids	Is there something settled on the bottom of the sample? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Description (note type, size, & material):		
Foam	Is there foam or material forming on the top of the sample surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Description (shake bottle gently, is there foam?)		
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample.					
Sampler's Signature and Date	 10-31-19				



CERTIFICATE OF ATTENDANCE

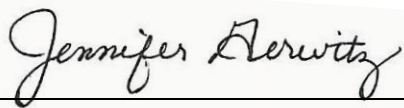
Dallas Alley

Name

Village of Swansea

Organization

has participated in the MS4 training that included “Annual Report Preparation” and “O & M Manuals” presented by Jennifer Gerwitz of RJN Group held at the Shiloh Senior Center located at 1 Park Drive in Shiloh, Illinois on **February 28, 2019** and is awarded **1 PDH**



Jennifer Gerwitz
Project Engineer
RJN Group, Inc.



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CERTIFICATE OF ATTENDANCE

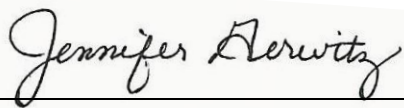
David Voellinger

Name

Village of Swansea

Organization

has participated in the MS4 training that included “Annual Report Preparation” and “O & M Manuals” presented by Jennifer Gerwitz of RJN Group held at the Shiloh Senior Center located at 1 Park Drive in Shiloh, Illinois on **February 28, 2019** and is awarded **1 PDH**



Jennifer Gerwitz
Project Engineer
RJN Group, Inc.



rjngroup

The Choice for Collection System Solutions





CERTIFICATE OF ATTENDANCE

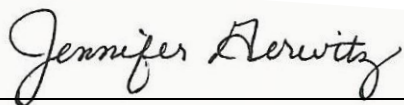
John Budde

Name

Village of Swansea

Organization

has participated in the MS4 training that included “Reducing Road Salt Use” presented by Danelle Haake from St. Louis University, Annual Reports, and Visual Water Sampling Training presented by Jennifer Gerwitz of RJN Group held at the Shiloh Senior Center located at 1 Park Drive in Shiloh, Illinois on **May 2, 2019** and is awarded **1 PDH**



Jennifer Gerwitz
Project Engineer
RJN Group, Inc.



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