



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 0318

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

Name: CITY OF COLUMBIA Mailing Address 1: 208 SOUTH RAPP AVENUE
Mailing Address 2: County: St. Clair
City: COLUMBIA State: IL Zip: 62236 Telephone: 618-281-7144
Contact Person: CHRIS SMITH Email Address: csmith@columbiaillinois.com
(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
SUGARLOAF 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 | ☐ | 4. Construction Site Runoff Control | ☐ |
| 2. Public Participation/Involvement | ☐ | 5. Post-Construction Runoff Control | ☐ |
| 3. Illicit Discharge Detection & Elimination | ☐ | 6. Pollution Prevention/Good Housekeeping | ☐ |

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))

Owner Signature:

Printed Name:

2/23/20

Date:

City Engineer

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 Earth Day Festival 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. The 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.

City of Columbia FOIA Officer for the reporting year:

Name: Doug Brim

Title: City Administrator

Telephone Number: (618) 281-7144

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 City has brochures available to residents at the City Hall and Public Library. Educational topics include lawn & garden care, paint, and storage and disposal of fuels/oil. The public storm water hotline number is included.	Brochures were distributed to residents on 3/2/20 at the annual public meeting.		X	St. Clair County has brochures available to all county residents in the St. Clair County Health Department.	Ongoing through 2020-2021 permit year.
BMP No. A.4- Community Event- Sponsor Annual Booth at St. Clair County Earth Day Festival								
Milestone For Reporting Year: St. Clair County sponsored a booth at the Earth Day Festival.								
		X	St. Clair County set up a booth and distributed storm water materials at the Health Department Earth Day Celebration in April 2019.			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 April.
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 City 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. City representatives attended all three meetings.			X	The City 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 City updated brochures with the County contact information for the reporting of storm water issues. Any calls or emails to the City were 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 community held a public input meeting regarding the adequacy of the MS4 Program March 2, 2020. 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	Co-Permittee communities reviewed their outfall maps for completeness and updated them if necessary. Columbia has 100% of outfall locations, storm water systems, and receiving waters mapped.			X	Communities 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 ordinance brochures at the Earth Day event and has them available at the County Health Department.			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	Columbia assessed the condition of inlet stencils. Currently 100% of the inlets are marked and the City has extra stencils available if needed.	Review of Illicit Source Removal Procedures - See page 11		X	Communities will survey 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: <u>Perform illicit discharge detection and elimination in the Community's storm water system.</u>								
		X	Communities will perform stream observations during their annual bridge inspections or quarterly storm water sampling and take appropriate action if any illicit discharge is found.			X	Communities will continue to perform stream observations and address illicit discharge per the community ordinances.	Ongoing through 2020-2021 permit year.
BMP No. C.9- Public Notification								
Milestone for Reporting Year: <u>Community will update ordinance brochure.</u>								
		X	Brochures will be updated (if needed) to address specific storm water ordinance prohibited activities and distributed with brochures addressed in BMP A.1.			X	Ordinance brochures will be updated and distributed to the community throughout years 2015-2020	Brochure to be updated if needed 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: <u>Update storm water ordinance.</u>								
		X	The storm water ordinance was not updated in 2019.			X	This BMP will not continue into the next NOI.	
BMP No. D.1- Regulatory Control Program								
Milestone for Reporting Year: <u>Require SWPPP on all site plans disturbing more than one acre of land inside the Community.</u>								
		X	The community requires 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.

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. 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 two representatives participating 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. Columbia responded 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: No inspector training was needed this year.								
		X				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 City had no changes this year.			X	Communities will continue to enforce their storm water ordinance.	Ongoing through 2020-2021 permit year.

COMMUNITY NAME: City of ColumbiaPERMIT #: ILR400318

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 2 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 2/3/20 and last modified 5/1/2017.			X	Operation procedures are reviewed annually. Co-Permittee meetings will include reference to review and update requirements.	Ongoing through 2020-2021 permit year.

COMMUNITY NAME: City of Columbia

PERMIT #: ILR400318

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

ADDITIONAL INFORMATION

<u>BMP A.5</u>	<u>Classroom Educational Materials</u> The County has taken steps to educate school children on the severity of stormwater 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 stormwater. The newsletter also lists upcoming recycling events and schools that have won past recycling contests.
<u>BMP B.6</u>	<u>Community Events - Recycling Programs</u> Throughout the year, St. Clair County sponsored community events that potentially could positively impact stormwater 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. Columbia held a large-item pickup each quarter in 2019 and a Reduce, Reuse, Recycle Day on April 13, 2019 that collected 16,000 pounds of electronics and 7,000 pounds of paper. Dumpster loads included 6,000 pounds of trash and 5,000 pounds of recyclable materials. Live Christmas tree recycling was held 1/11/20.
<u>BMP B.7</u>	<u>Other Public Involvement</u> The City of Columbia held a public meeting to provide for public input regarding the adequacy of the MS4 program on 3/2/20. 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 City or through the County. The storm water hotline number is posted on the website and is provided in educational brochures.
<u>BMP C.5</u>	<u>Illicit Source Removal Procedures</u> 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 stormwater pollution by keeping trash out of streams and keeping road ditches clear of debris for storm events.

ADDITIONAL COMMUNITY ACTIVITIES

(Make additional copies of form, as necessary)

Community Name: **City of Columbia**

Permit #: **ILR400318**

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:

The City has a municipality website and posts the storm water hotline number, annual reports, educational brochures, the storm water pollution prevention plan, and the NOI.

Columbia swept 742 miles of roadway and removed 736 cubic yards of debris.

The City participated in live Christmas tree recycling in cooperation with Reliable Sanitation on January 11, 2020.

The City held a Reduce, Reuse, and Recycle Day on 4/13/19, collecting 16,000 pounds of electronics and 7,000 pounds of paper. Dumpster loads included 6,000 pounds of trash and 5,000 pounds of recyclable materials.

Columbia held large item pickup days on 5/28/19, 9/3/19, 11/19/19, and 2/18/20.

Citywide leaf and limb pickups were performed. Leaf pickups were conducted for seven weeks (October through December), and limb pickups were conducted for one week in April and two weeks in October.

Seven catch basins were cleaned since March 2019.

One 6-cubic-yard dumpster was used by the City for trash retrieved from road ditches and waterways. The dumpster was emptied weekly.

Ditch maintenance took place along one-half mile of Centerville Road, Main Street (along the Ledbetter property), and Gall Road. Two hundred pounds of trash, 10 tires, 4 truckloads of limbs, TVs, mattresses, and couches were collected. Straw mats, riprap, and ditch checks were the chosen BMPs.

Columbia attended the Illinois APWA bi-monthly meetings in 2019 and held the position of President.

Circle which minimum control measure addressed:

① Public Education and Outreach

5. Post-Construction Runoff Control

② Public Participation/Involvement

⑥ Pollution Prevention/Good Housekeeping

③ Illicit Discharge Detection & Elimination

4. Construction Site Runoff Control

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 City of Columbia began storm water sampling during the first quarter of 2017. The City 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 City of Columbia sampled at four locations. Samples were taken quarterly at each location within 48 hours of a ¼-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:

- #1 – Wilson Creek, Centerville Rd. at the City Limits
- #2 – Palmer Creek, Columbia Quarry at Pump Discharge Deck
- #3 – Palmer Creek, Ramsey Road at DD Road Bridge
- #4 – Carr Creek, Valmeyer Road behind Carr Creek Lift Station

E. Reliance on Government Entities for Permit Obligations

Co-Permittee cooperation with County

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

The City of Columbia had the following public construction projects this year:

ILR10Z987 – Admiral Trost Park Wetlands (April 2018 - still under construction)
Approximately 11 acres

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	Tim Ahrens		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	#1	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	1 st 2019	Date/Time Collected	1/24/19 12:30	Date/Time Examined 1:00pm 1/24/19
Est. Time of Rainfall Start	1/22/19 10:00am	Rainfall Amount	1.23"	Runoff Source ☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	Tim Ahrens 1/24/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	TAM AHRENS		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	#2	Outfall Description (ex: ditch, grassed swale, concrete pipe)	CREEK	
Quarter/ Year	1 st 2019	Date/Time Collected	1/24/19 1:15pm	Date/Time Examined
Est. Time of Rainfall Start	1/22/19 10:00am	Rainfall Amount	1.23"	Runoff Source
				☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	T. Ahrens 1/24/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	Tim AHRENS		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	#3	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	5 th 2019	Date/Time Collected	1/24/19 1:55pm	Date/Time Examined 2:25pm
Est. Time of Rainfall Start	1/22/19 10:00am	Rainfall Amount	1.23"	Runoff Source ☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	Tim Ahrens 1/24/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	Tim Ahrens		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	#4	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	1 st 2019	Date/Time Collected	1/24/2019 2:45	Date/Time Examined 1/24/19 3:15
Est. Time of Rainfall Start	1/22/19 10:00am	Rainfall Amount	1.23"	Runoff Source ☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	Tim Ahrens 1/24/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF Columbia		Permit ILR40 -	
Sampler's Name (please print)	Tim Ahrens		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	*1	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	2019	Date/Time Collected	8:30am 4/15/19	Date/Time Examined 9:00am 4/15/19
Est. Time of Rainfall Start	4/14/19 8:00am	Rainfall Amount	.59	Runoff Source ☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	Tim Ahrens 4/15/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	TIM AMRENS		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	#2	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	2019	Date/Time Collected	9:40 am 4/15/19	Date/Time Examined
Est. Time of Rainfall Start	4/14/19 8:00 am	Rainfall Amount	1.59	Runoff Source
				☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	Tim Amrens 4/15/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	TIM AHRENS		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	# 3	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CR FEEK
Quarter/ Year	2nd 2019	Date/Time Collected	10:00am 4/15/19	Date/Time Examined 10:30 4/15/19
Est. Time of Rainfall Start	4/14/19 8:00am	Rainfall Amount	.59	Runoff Source ☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	TIM AHRENS 4/15/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	Tim Ahrens		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	*4	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	2019	Date/Time Collected	10:40 4/15/19	Date/Time Examined
Est. Time of Rainfall Start	4/14/19 8:00am	Rainfall Amount	.59	Runoff Source
				☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	Tim Ahrens 4/15/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA			Permit ILR40 -	
Sampler's Name (please print)	TIM AHRENS			Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	#1		Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	2019	Date/Time Collected	10:40 AM 6/25/19	Date/Time Examined	11:10 AM 6/25/19
Est. Time of Rainfall Start	6/21 12:00 PM	Rainfall Amount	2.1"	Runoff Source	☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description			Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☒ Yes ☐ No (Clear)			☒ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No			☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No			☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No			☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No			☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No			Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No			☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.			☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES					
Settled Solids	Is there something settled on the bottom of the sample? ☒ Yes ☐ No			Description (note type, size, & material): SAND/DIRT PARTICLES	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No			Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE					
Sampler's Signature and Date	6/25/19				

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA			Permit ILR40 -	
Sampler's Name (please print)	TIM AHKENS			Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	2		Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	6/25/19	Date/Time Collected	11:25am 6/25/19	Date/Time Examined	11:55 6/25/19
Est. Time of Rainfall Start	6/25/19 12:00pm	Rainfall Amount	2.1"	Runoff Source	☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description			Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)			☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No			☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No			☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No			☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No			☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No			Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No			☐ Concrete Cracking ☐ Peeling Paint ☐ Corrosion ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.			☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES					
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No			Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No			Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. none					
Sampler's Signature and Date	 6/25/19				

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	Tim AHEENS		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	#3	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	2019	Date/Time Collected	1:30pm 6/25/19	Date/Time Examined
Est. Time of Rainfall Start	6/21/19 12:00pm	Rainfall Amount	2.1"	Runoff Source
				☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?):	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. none				
Sampler's Signature and Date	Tim Aheens 6/25/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	TIM AHRENS		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	#4	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	Q1 6/21/19	Date/Time Collected	12:50 pm 6/25/19	Date/Time Examined
Est. Time of Rainfall Start	3:15 PM 6/21/19 12:00 pm	Rainfall Amount	2.1"	Runoff Source
				☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☒ Yes ☐ No (Clear)		☒ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☒ Yes ☐ No		Description (note type, size, & material): SAND/dirt grains	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. CREEK IS IN FLOOD STAGE.				
Sampler's Signature and Date	Tim Ahrens 6/25/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	TIM AHRENS		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	#1	Outfall Description (ex: ditch, grassed swale, concrete pipe)		Creek
Quarter/ Year	4th 2019	Date/Time Collected	10/31/19 11:00am	Date/Time Examined 10/31/19 11:30am
Est. Time of Rainfall Start	10/30/19 5:00am	Rainfall Amount	1.35"	Runoff Source ☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	Tim Ahrens		10/31/19	

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	TIM AHRENS		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	2	Outfall Description (ex: ditch, grassed swale, concrete pipe)		CREEK
Quarter/ Year	Q1 2019	Date/Time Collected	10/31/19 11:40am	Date/Time Examined 10/31/19 12:10pm
Est. Time of Rainfall Start	10/30/19 5:00am	Rainfall Amount	3.5"	Runoff Source ☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	Tim Ahrens 10/31/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	Tim Arcus		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	# 3	Outfall Description (ex: ditch, grassed swale, concrete pipe)		Creek
Quarter/ Year	4th 2019	Date/Time Collected	10/31/19 1:00 pm	Date/Time Examined 10/31/19 1:30 pm
Est. Time of Rainfall Start	10/30/19 5:00 am	Rainfall Amount	1.35"	Runoff Source ☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	Tim Arcus 10/31/19			

Quarterly Visual Monitoring Form

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

Facility	CITY OF COLUMBIA		Permit ILR40 -	
Sampler's Name (please print)	Tim Ahrens		Qualifying Rain Event	☒ Yes ☐ No
Outfall ID. (refer to site map)	*4	Outfall Description (ex: ditch, grassed swale, concrete pipe)		Creek
Quarter/ Year	4th 2019	Date/Time Collected	10/31/19 1:45pm	Date/Time Examined 10/31/19 2:15pm
Est. Time of Rainfall Start	10/30/19 5:00am	Rainfall Amount	.35"	Runoff Source ☐ Snowmelt ☒ Rainfall
Parameter	Parameter Description		Parameter Characteristics	
Color	Does the stormwater appear to have any color? ☐ Yes ☒ No (Clear)		☐ Yellow ☐ Brown ☐ Red ☐ Gray ☐ Other _____	
Clarity	Is the stormwater clear? ☒ Yes ☐ No		☐ Opaque ☐ Milky/Cloudy ☐ Suspended Solids ☐ Other _____	
Oil Sheen	Can you see a rainbow effect or sheen on the water surface? ☐ Yes ☒ No		☐ Floating Oil Globules ☐ Rainbow Sheen ☐ Other _____	
Odor	Does the sample have an odor? ☐ Yes ☒ No		☐ Chemical ☐ Musty ☐ Rotten Eggs ☐ Sewage ☐ Other _____	
Floating Solids	Is there anything on the surface of the sample? ☐ Yes ☒ No		☐ Suds ☐ Garbage ☐ Sewage ☐ Oily Film ☐ Other _____	
Suspended Solids	Is there anything suspended in the sample? ☐ Yes ☒ No		Description:	
Damage to Outfall Structure	Is there any damage to the outfall structure? ☐ Yes ☒ No		☐ Concrete Cracking ☐ Corrosion ☐ Peeling Paint ☐ Other _____	
Vegetation Conditions	Describe plant growth around the stormwater discharge location using the check boxes.		☐ Inhibited Growth ☒ Normal ☐ Excessive ☐ Other _____	
WAIT 30 MINUTES				
Settled Solids	Is there something settled on the bottom of the sample? ☐ Yes ☒ No		Description (note type, size, & material):	
Foam	Is there foam or material forming on the top of the sample surface? ☐ Yes ☒ No		Description (shake bottle gently, is there foam?)	
Detail any concerns, corrective actions taken, and any other indicators of pollution present in the sample. NONE				
Sampler's Signature and Date	 10/31/19			

Ahrens, Tim

From: Spargo, Sue
Sent: Wednesday, May 22, 2019 8:01 AM
To: Ahrens, Tim
Cc: Smith, Chris
Subject: Recyclables Collected

Tim,

At the 2019 Reduce, Reuse, Recycle event held on April 13, 2019 at the Columbia High School lot, the City collected:

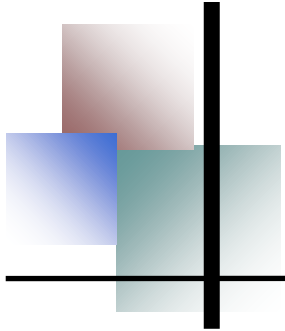
3.5 tons of paper (SDD)
2.5 tons of recyclable materials (Reliable Sanitation)
3 tons of trash (Reliable Sanitation)
8 tons of electronic material (CJD E-Cycling)

Please let me know if there is any other recycling information you need from me. Thanks!



@KnowColumbia

Sue Spargo
Community Relations & Tourism Coordinator
City of Columbia
208 South Rapp Avenue, PO Box 467, Columbia, IL 62236
Office: (618) 281-7144 x134 Mobile: (618) 381-4312
Email: sspargo@columbiaillinois.com



CERTIFICATE OF ATTENDANCE

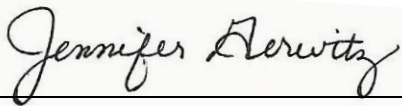
Tim Ahrens

Name

City of Columbia

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**

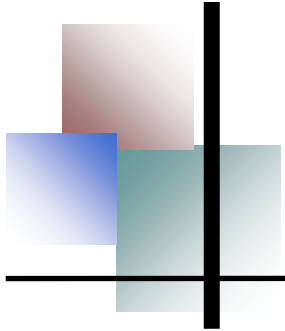


Jennifer Gerwitz
Project Engineer
RJN Group, Inc.

rjngroup

The Choice for Collection System Solutions





CERTIFICATE OF ATTENDANCE

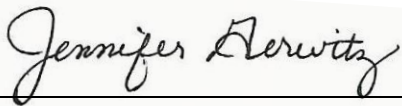
Chris Smith

Name

City of Columbia

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**

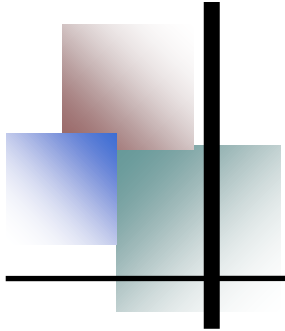


Jennifer Gerwitz
Project Engineer
RJN Group, Inc.



Engineering infrastructure for tomorrow





CERTIFICATE OF ATTENDANCE

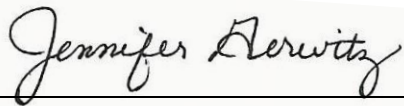
Mike Sander

Name

City of Columbia

Organization

has participated in the MS4 training that included “Annual Operations Training”
presented by Jennifer Gerwitz from RJN Group and announcements regarding
upcoming IEPA audits with Wayne Caughman
held at the Shiloh Senior Center located at 7 Park Drive
in Shiloh, Illinois on **October 31, 2019** and is awarded **1 PDH**

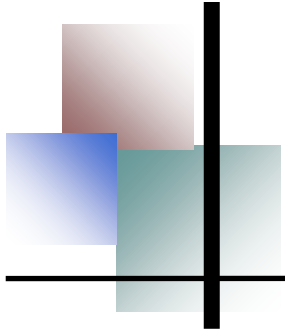


Jennifer Gerwitz
Project Engineer
RJN Group, Inc.



Engineering infrastructure for tomorrow





CERTIFICATE OF ATTENDANCE

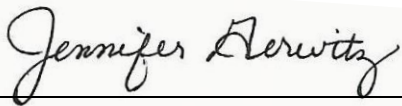
Tim Ahrens

Name

City of Columbia

Organization

has participated in the MS4 training that included “Annual Operations Training”
presented by Jennifer Gerwitz from RJN Group and announcements regarding
upcoming IEPA audits with Wayne Caughman
held at the Shiloh Senior Center located at 7 Park Drive
in Shiloh, Illinois on **October 31, 2019** and is awarded **1 PDH**



Jennifer Gerwitz
Project Engineer
RJN Group, Inc.



Engineering infrastructure for tomorrow

