



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, 2023 To March, 2024

Permit No. ILR40 0290

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

Name: CITY OF BELLEVILLE Mailing Address 1: 512 WEST MAIN STREET

Mailing Address 2: County: St. Clair

City: BELLEVILLE State: IL Zip: 62220 Telephone: 618-239-3454

Contact Person: JASON POOLE Email Address: jpoole@belleville.net
(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

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.

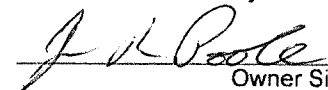
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

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:

JASON POOLE

Printed Name:

5/3/24
Date:

DIRECTOR OF PUBLIC WORKS

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 ☒

Persons Responsible: Yes ☐ No ☒
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 2023-2024 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 and the last NOI was submitted in 2021. As stated in each NOI, 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 2023-February 2024:

- 1) **A.1-** Stormwater 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 four (4) times to review upcoming permit requirements, notice of intent, review stormwater 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 stormwater system. Public inquiries and complaints were responded to and recorded.
- 6) **B.6-** St. Clair County continued to promote programs related to stormwater activities and recycling programs. The community tracked its participation.

- 7) **B.7-** Co-Permittee Members will provide a public meeting annually for public input.
- 8) **C.1-** Co-Permittee Members updated any new or revised storm sewers and performed stream observations at bridge inspections.
- 9) **C.5-** A survey of previously installed stencils was to be performed as well as replacing or placing any that needed inlet stencils.
- 10) **C.6-** Communication brochures were distributed to the community. Co-Permittee Members discussed any known illicit discharge ordinance compliance issues.
- 11) **C.9-** Co-Permittee Members developed brochures addressing specific stormwater ordinance prohibited activities and distributed with educational brochures.
- 12) **D.1-** Require SWPPP on site plans disturbing more than one acre.
- 13) **D.2-** The Co-Permittee will hold a BMP Training class.
- 14) **D.5-** St. Clair County Continued to Maintain a stormwater hotline number to address public concerns related to stormwater issues. County tracked and reported the number of calls.
- 15) **E.2-** Enforce Stormwater Ordinance and track changes made to the ordinance.
- 16) **E.4-** Require and review SWPPPs on site plans disturbing more than 1-acre of land.
- 17) **F.1-** the Co-Permittee will hold an Operations Training class focused on a review of the history of drainage systems, the Clean Water Act and NPDES permits, and the impacts of stormwater.
- 18) **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.

City of: Belleville

FOIA Officer for the reporting year:

Name: Jennifer Gain-Meyer

Title: City Clerk

Telephone Number: (618) 355-8627

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through February 2024

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 stormwater 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.							
	☐	☒	The City has brochures available to residents at City Hall and the Public Works and Parks and Recreation (510/512 W. Main Street). Educational topics include paint and related decor, lawn and garden care, illicit discharge ordinance compliance, and stormwater ordinances. The St. Clair County storm water hotline number is included.	☐	☒	The County will continue to make educational brochures available to the public.	Ongoing through 2021-2026 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.							
	☐	☒	There was no "Physical Attendance" Earth Day this year but the St. Clair County Health Department sent out information to the schools.	☐	☒	St. Clair County is responsible for the booth and tracking the number of brochures handed out.	Ongoing through 2021-2026 permit year.
BMP No. A.5- Classroom Education Material							
Milestone For Reporting Year: County posts a newsletter on County Health Department website for students during the school months.							
	☐	☒	St. Clair County posted educational newsletters on the Health Department's website.	☐	☒	The communities will inform local schools that the newsletters are available on the Health Department's website.	Ongoing through 2021-2026 permit year.

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through February 2024

A. Changes to Best Management- Were there any changes to the BMPs?	Comment	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 stormwater activities you plan to undertake with an implementation schedule.			
			If attached information, describe.	YES NO				
BMP No. B.3- Stakeholder's Meeting- Coordinate Meetings and Annual Reports, Sponsor Various Programs								
Milestone For Reporting Year: Co-Permittee Group met four (4) times to complete training and to develop and submit the Annual Report.								
☒		Co-Permittee Meetings were held on March 7th, June 6th, September 19th, and December 5th, 2023. Annual reports were provided to communities in May 2023 and submitted to IEPA before June 1st, 2023. Meeting topics included: Annual Reporting, Data Collections, ILR40 Updates, Sediment & Erosion Control Training, Operations/Good Housekeeping Training, and Post-Construction Management Training.	See page 10 and Exhibits B.3-A to B.3-E for more information	☒	The County will continue to meet with the Co-Permittee Group to share BMPs and training opportunities. The Co-Permittee Group has planned four compliance/training activities the next Program year.			
					Ongoing through 2021-2026 permit year.			
BMP No. B.5- Volunteer Monitoring- Solicit and Encourage Public Assistance in Monitoring the Community's Stormwater System & Stormwater Hotline								
Milestone For Reporting Year: Community will work to involve more public assistance in reporting stormwater issues.								
☒		The County updates brochures and websites, as needed, with County contact information for the reporting of stormwater issues. Any calls or emails are recorded and addressed. The City updates their website accordingly.		☒	The community will continue to respond to and record all public complaints of illicit discharge and/or dumping and stormwater issues.			
					Ongoing through 2021-2026 permit year.			
BMP No. B.6- Program Involvement- 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 stormwater activities. Communities tracked participation.								
☒		County will continue to promote programs related to stormwater activities and recycling. Multiple media outlets will be used to communicate with municipalities. The City of Belleville participated in a number of recycling programs.	See page 10 and Exhibit B.6-A for more information	☒	County will continue to promote programs related to stormwater activities. Multiple media outlets will be used to communicate with municipalities.			
					Ongoing through 2021-2026 permit year.			

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through February 2024

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 stormwater 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 regarding the MS4 Program							
Milestone for Reporting Year: The communities will provide a public meeting annually for the MS4 program.							
	☒	☐	The City held a public meeting to invite public input regarding the adequacy of the MS4 Program on November 20, 2023. A few questions from the Aldermen were answered.	☒	☐	Community will continue to hold a public meeting to solicit public input regarding the adequacy of the MS4 program.	Ongoing through 2021-2026 permit year.
BMP No. C.1- Storm Sewer Map Preparation							
Milestone for Reporting Year: County currently has 100% of outfall locations and names of receiving waters mapped for the Co-Permittee community.							
	☒	☐	Co-Permittee communities reviewed their outfall maps for completeness and updated them if necessary. The City currently has 10% of the outfall mapping completed. Engineering Consultant has completed the GIS map and data has begun to be inputted.	☒	☐	Communities will begin/continue to update their storm system maps to include modifications to the system.	Ongoing through 2021-2026 permit year.
BMPs No. C.5- Inlet Stenciling							
Milestone for Reporting Year: Survey condition of inlet stencils.							
	☒	☐	The City has 95% of inlets marked and is reviewing all inlets as time allows. Discharge Detection & Elimination Training was covered during the June 6, 2023 Quarterly Meeting.	☒	☐	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 2021-2026 permit year.
BMP No. C.6- Program Evaluation and Assessment							
Milestone for Reporting Year: Perform illicit discharge detection and elimination in the Community's stormwater system.							
	☒	☐	Communities will perform stream observations during their annual bridge inspections or quarterly stormwater sampling and take appropriate action if any illicit discharge is found. The City performed illicit discharge stream monitoring at Richland Creek & Stolberg Creek.	☒	☐	Communities will continue to perform stream observations and address illicit discharge per the community ordinance.	Ongoing through 2021-2026 permit year.

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? If attached information, describe.		D. Summarize the stormwater activities you plan to undertake with an implementation schedule.	
Comment	YES	NO		YES	NO	Activity	Schedule
BMP No. C.9- Public Notification							
Milestone for Reporting Year: Community will update ordinance brochure.							
	☒	☐	The County has developed a brochure addressing specific stormwater ordinance prohibited activities available for distribution. Display Location-SCCHD (front Lobby). The City has brochures available on their website.		☒	Ordinance brochures will be updated and distributed as needed.	Ongoing through 2021-2026 permit year.
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.							
	☒	☐	The City requires SWPPP on sites disturbing over 1-acre and enforces ordinance provisions.		☒	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 2021-2026 permit year.
BMPs No. D.2- Erosion and Sediment Control BMPs							
Milestone for Reporting Year: Community will participate in BMP training during Annual Operations Training.							
	☒	☐	BMP training was covered during the September 19, 2023 Quarterly Meeting.	See page 10 and Exhibit D.2-A for more information	☒	Community will continue to participate in BMP Training	Ongoing through 2021-2026 permit year.
BMP No. D.5- Stormwater Hotline							
Milestone for Reporting Year: County continued to maintain a stormwater hotline number to address public concerns related to stormwater issues.							
	☒	☐	St. Clair County maintained the hotline number during the reporting period. Communities respond to complaints from residents regarding stormwater related issues.		☒	County and Communities will respond to calls and emails related to stormwater issues.	Ongoing through 2021-2026 permit year.

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through February 2024

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 stormwater activities you plan to undertake with an implementation schedule.	
Comment	YES	NO	If attached information, describe.	YES	NO	Activity	Schedule
BMP No. E.2- Regulatory Control Program							
Milestone for Reporting Year: Enforce County's Stormwater Ordinance.							
	☒	☐	Communities will continue to enforce the County stormwater ordinance and track changes made to the ordinance. There were no changes this year.	☒	☐	Communities will continue to enforce their stormwater ordinance.	Ongoing through 2021-2026 permit year.
BMP No. E.4- Pre-Construction Review of BMP Designs							
Milestone for Reporting Year: Require a Stormwater Prevention Plan (SWPPP) on all site plans disturbing more than one acre of land and review post construction.							
	☒	☐	The City requires and reviews SWPPs on site plans disturbing more than 1-acre of land. Post Construction Management Training was covered during the September 19, 2023 Quarterly Meeting.	☒	☐	Communities will review the post construction BMPs on all sites that disturb more than 1-acre of land.	Ongoing through 2021-2026 permit year.
BMPs No. F.1- Employee Training							
Milestone for Reporting Year: Community will participate in an annual Operations Training for employees whose job impacts stormwater runoff.							
	☒	☐	Operations Training was covered during the December 5, 2023 Quarterly Meeting.	☒	☐	The Co-Permittee Group will continue to review Operations Training at one meeting per program year.	Ongoing through 2021-2026 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.							
	☒	☐	Communities will continue to review their Standard Operating Procedures and modify, if necessary. The City had no changes this year.	☒	☐	Communities will continue to enforce their stormwater ordinance.	Ongoing through 2021-2026 permit year.

COMMUNITY NAME: City of Belleville

PERMIT #: ILR400290

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2023 through March 2024

ADDITIONAL INFORMATION

BMP A.5	Classroom Educational Materials St. Clair County posted educational newsletters on the Health Department's website. See attached Exhibit A.5-A for more information.
BMP B.3	Stakeholder's Meeting - Coordinate Meetings and Annual Reports, Sponsor Various Programs The St. Clair County MS4 Co-Permittee Group held four quarterly training meetings during the 2023-2024 permit year. Topics covered included: Annual Reporting, Data Collections, ILR40 Updates, Sediment & Erosion Control Training, Operations/Good Housekeeping Training, and Post-Construction Management Training. Members were issued Certificates of Attendance and Training Completion. See attached Exhibit B.3-A to Exhibit B.3-E for additional details.
BMP B.6	Program Involvement-Participate in programs targeted at public awareness, including Inlet Stenciling and Recycling St. Clair County continued to promote programs and public awareness related to stormwater activities and recycling. See attached Exhibit B.6-A for additional details.
BMP B.7	Other Public Involvement - The community will provide a public meeting annually for public input regarding the MS4 Program St. Clair County held a Public Meeting to invite public input regarding the adequacy of the MS4 Program on January 16, 2024. No comments were received. The City held a Public Meeting November 20, 2023. Questions from Aldermen were answered. See attached Exhibit B.7-A for additional details.
BMP C.5	Inlet Stenciling - Illicit Source Removal Procedures St. Clair County Highway Department sponsors Clean Sweep Program throughout the County. By sponsoring this program, St. Clair County is eliminating a significant source of stormwater pollution by keeping debris out of streams and road ditches. See attached Clean Sweep Spreadsheet with totals collected included: Exhibit B.6-A.
BMP D.2	Erosion and Sediment Control BMPs St. Clair County will provide annual BMP training at (1) Quarterly Meeting. See attached Exhibit D.2-A for more details.
BMP E.4	Pre-Construction Review of BMP Designs St. Clair County requires and reviews SWPPs on site plans disturbing more than 1-acre of land. Post Construction Management Training was covered during the September 19, 2023 Quarterly Meeting. See Exhibit E.4-A for more details.

Additional Community Activities

(Make additional copies of form, if necessary)

List any additional community-sponsored activities performed between March 1, 2023 and February 29, 2024 not listed in the *Notice of Intent* (NOI) submittal, but which address one of the six minimum control measures:

City of Belleville spent 2,021 hours cleaning and grading ditches removing trees, limbs & brush. Approximately 1,617 of those hours were spent trimming and removing trees and brush. Strawmats and riprap were the BMPs used.

City of Belleville spent 1,686 man hours and covered 6,500 miles of roadway sweeping various streets throughout the reporting year. Depending on time of year, the disposal method was landfill or compost facility.

Two 5-cubic-yard dumpsters are used by the City of Belleville for trash retrieved from road ditches and waterways. The dumpsters are emptied weekly. There are a total of 20 dumpsters-sizes, 2,3 &5 that are also emptied weekly.

The City provided a Recycling Program collecting paper, plastics, etc. via residential and light commercial curbside pickup on a weekly basis collecting 957 tons of recycling.

City of Belleville managed a Christmas Tree Recycling Program offering to collect (1) Christmas Tree per household left at the curb or 3 drop-off locations were provided.

The City provided a Large Item pickup service for all residents picking up 586 large items.

The Street Department spent 864 man hours cleaning catch basins.

The City hosts a website where it posts the SWPPP, Annual Reports, and the NOI. The Stormwater Hotline number is also posted.

The City planted 24 trees in various parks and Main Street throughout the reporting year.

The City is developing a process to assess the water quality impacts of flood management projects affecting the municipality.

The City collected approximately 150 tires for recycling.

St. Clair County Groups & Organizations - See Exhibit Additional Community Activities-A

St. Clair County Public Works - Work Order Spreadsheet - See Exhibit Additional Community Activities-B

Stormwater Sampling was tested at Richland Creek and at Stolberg Creek. Teklab, Inc. analyzed the samples and results are kept at the City. See Exhibit Additional Community Activities-C for Reports

1st Quarter Sample Date: 2/16/23

2nd Quarter Sample Date: 6/08/23

3rd Quarter Sample Date: 9/21/23

4th Quarter Sample Date: 11/21/23

Circle which minimum control measure is addressed:

☐ 1. Public Education & Outreach

☒ 2. Public Participation/Involvement

☒ 3. Illicit Discharge Detection & Elimination

☒ 4. Construction Site Runoff

☒ 5. Post-Construction Runoff Control

☒ 6. Pollution Prevention/Good Housekeeping

Education Materials for Schools

Tammy Mezo

From: Norm Etling <Norm.Etling@co.st-clair.il.us>
Sent: Tuesday, April 18, 2023 4:08 PM
To: Tammy Mezo; James Harms
Subject: FW: Earth Day handouts 2023
Attachments: SCCHD Earth Day 2023 Facts.pdf; Landowners Guide living on Water.pdf; SCC Best Management Practices.pdf; SCC Storm Water for Business.pdf; SCC Storm Water for Kids.pdf; SCC Storm Water for Residences.pdf; When it Rains It Drains.pdf; Earth Day Menu ideas for Schools.pdf

[External Email - Please confirm before you open any links or attachments!]

FYI

From: Michael Gates <michael.gates@co.st-clair.il.us>
Sent: Tuesday, April 18, 2023 2:41 PM
To: meichenlaub@sccroe50.org
Cc: Myla C. Blandford <Myla.Blandford@co.st-clair.il.us>
Subject: Earth Day handouts

Dr. Eichenlaub,

I have attached several pdf's of information about Earth Day 2023 and ground water information. Please feel free to push this information to all the schools so they may have the opportunity to take part in Earth Day 2023, with the hope they may establish a future celebration of their own.

If you have any question feel free to contact me.

Thank you,

Michael Gates, B.A.
Environmental Protection Coordinator
St. Clair County Health Dept
19 Public Square, Ste. 150
Belleville IL 62220
618-825-4451 direct
michael.gates@co.st-clair.il.us



Public Health
Prevent. Promote. Protect.
St Clair County
Health Department
together for your health

SCHOOLS



CLIMATE LITERACY

- Use an [Advocacy Packet](#) to start advocating for sustainable initiatives in your community.
- [Sign the letter](#) to demand climate education from our global leaders.
- [Explore our toolkits](#) to learn about environmental issues and take action!



GLOBAL EARTH CHALLENGE

- Download the [Global Earth Challenge app](#) and collect data about air quality, plastic pollution, insects, and food in your community.
- Use the [air quality](#), [plastic pollution](#) and [insect](#) lesson plans for fun activities to do from home!



ARTISTS FOR THE EARTH

- Repurpose unused lockers as space for eco-art installations.
- Paint a mural in the hallway, cafeteria or outside wall.
- Host a recycled material craft event.
- Host an Earth Day poster, essay or poetry contest.

FOOD & ENVIRONMENT

- Host a book club on [plant-based eating and climate change](#).
- Implement composting program and meatless Mondays in school cafeteria.
- Start a school garden to grow fresh veggies for a local food kitchen.
- Offer plant-based options at school events like sporting events.

PLASTIC POLLUTION

- Host a plastic repurposing workshop.
- [Host a cleanup event](#).
- Invite local [speakers to a Teach-In](#).
- Collect difficult to recycle items (markers, glue containers, etc) to send off to be disposed of responsibly.
- Replace single use plastic items like cutlery and waterbottles.

BIODIVERSITY

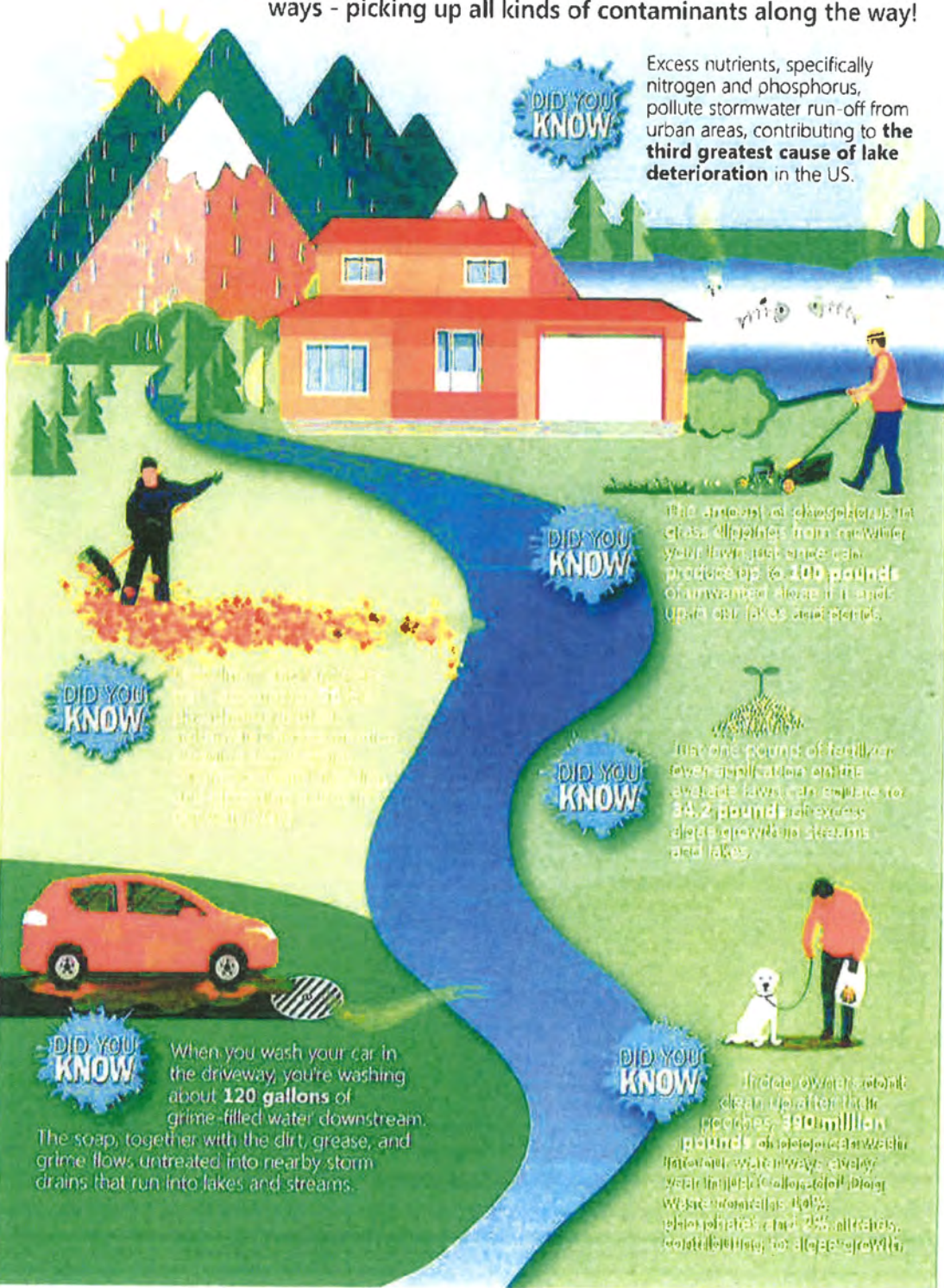
- Plant a [pollinator garden](#) or designate no-mow zones on school grounds.
- Invite a local beekeeper to come [speak at a Teach-In](#).
- Host birdhouse or insect hotel building for your school.
- Watch species related films or documentaries and host a discussion.
- Host a fundraiser to plant trees with the [Canopy Project](#).

Visit EARTHDAY.ORG to learn more



WHEN IT RAINS, IT DRAINS IT ALL HAS TO GO SOMEWHERE

Water from inside our homes goes to a wastewater facility for purification. But water from roofs, streets, and outdoor spigots goes untreated directly into storm drains - straight to our waterways - picking up all kinds of contaminants along the way!



DID YOU KNOW

Excess nutrients, specifically nitrogen and phosphorus, pollute stormwater run-off from urban areas, contributing to the **third greatest cause of lake deterioration** in the US.

DID YOU KNOW

That driveway oil leaks that drip down the side of your car can produce up to **100 gallons** of oil that ends up in our lakes and streams.

DID YOU KNOW

When you rake up a pile of leaves, you're also picking up a lot of fertilizer. One pound of fertilizer can pollute up to **34.2 gallons** of water.

DID YOU KNOW

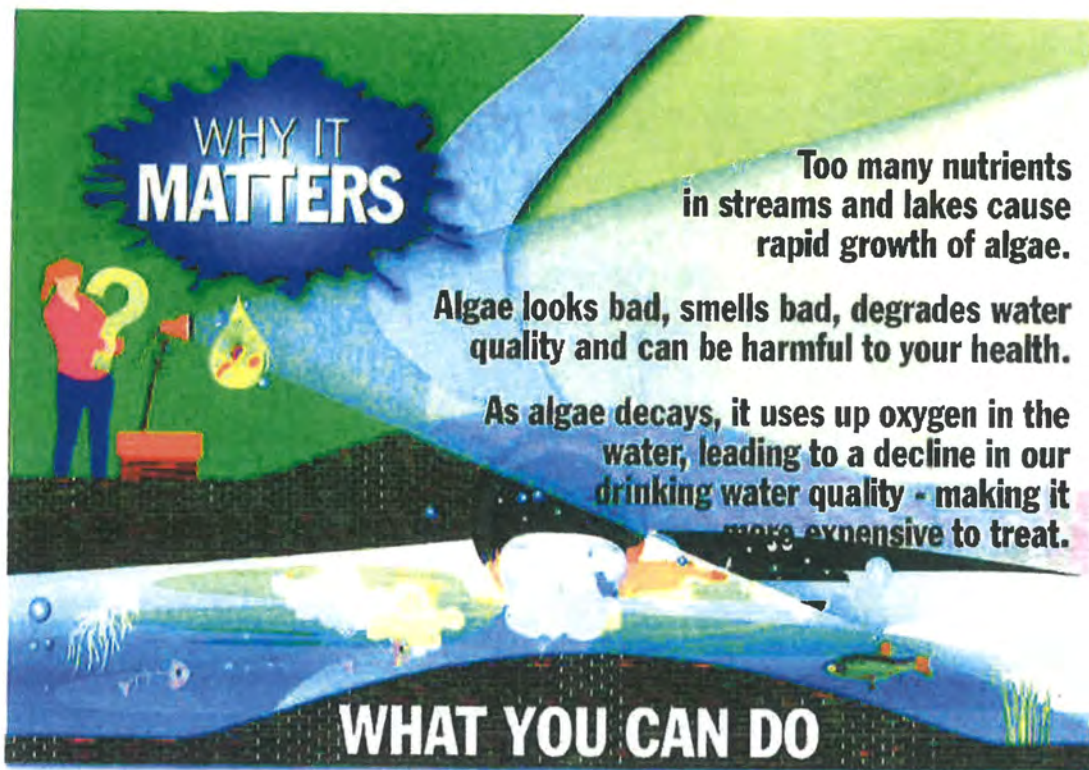
Just one pound of fertilizer can pollute up to **34.2 gallons** of water.

DID YOU KNOW

When you wash your car in the driveway, you're washing about **120 gallons** of grime-filled water downstream. The soap, together with the dirt, grease, and grime flows untreated into nearby storm drains that run into lakes and streams.

DID YOU KNOW

Three owners don't clean up after their pooches. **300 million** pounds of dog waste are flushed down the toilet every year. That's a lot of waste that ends up in our waterways.



WHY IT MATTERS

Too many nutrients in streams and lakes cause rapid growth of algae.

Algae looks bad, smells bad, degrades water quality and can be harmful to your health.

As algae decays, it uses up oxygen in the water, leading to a decline in our drinking water quality - making it more expensive to treat.

WHAT YOU CAN DO

Dispose Properly



- Compost or bag your leaves and lawn clippings
- Don't blow leaves or lawn clippings into the street
- Sweep up any spills or overspray of fertilizers on sidewalks or streets

Fertilize Efficiently



- Always follow the manufacturer's application recommendations. More isn't better!
- Fertilizing in early fall promotes healthy root systems - leading to stronger, more resilient lawns and plants

Be Car Smart



- Use a commercial car wash where water is recycled and sent to treatment facilities
- Wash your car on the lawn or gravel
- Dump your soapy bucket in the sink

Pick It Up & Pitch It



- Clean up dog waste and dispose of it properly
- Pet waste bags are available in most city parks

For Businesses



- Do your part at work to prevent stormwater pollution
- Perform necessary maintenance to ensure stormwater ponds and drainage control structures stay clear of litter and excessive sediment buildup
- Properly dispose of chemicals and grease

For Contractors



- Special stormwater permits are required for most construction sites
- See CityofMontrose.org/Stormwater for additional details
- Report excessive dust or mud trackout from construction sites

Illegal Dumping

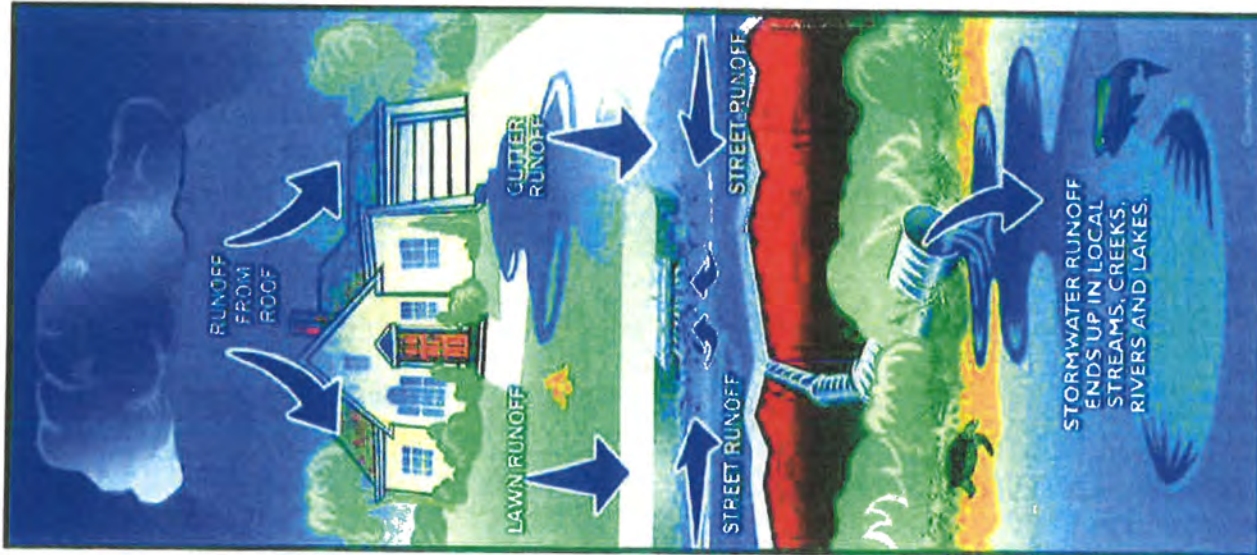


- Do not dump chemicals or other waste materials into storm drains — It's illegal
- If you see it, report it

Reporting



- Public Works 970.240.1480
- After Hours 970.249.9110
- CityofMontrose.org/Stormwater



Stormwater Hotline
(618) 825-2690

For more information

St. Clair County Board Office

or

St. Clair County Planning and Zoning Department

10 Public Square

Belleville, IL, 62220

(618) 277-6600

St. Clair County Health Department

Pollution Prevention Program

19 Public Square, Suite 150

Belleville, IL 62220

(618) 233-7769



www.epa.gov

ST. CLAIR **COUNTY'S** **STORMWATER** **GUIDE FOR KIDS**



TAKE A DIP!

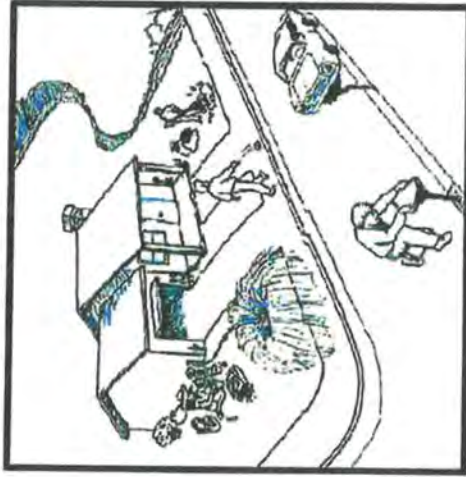


**STORMWATER POLLUTANTS
FIND THEIR WAY INTO WHERE
WE FISH, WHAT WE DRINK AND
WHERE WE SWIM.**

Everything that goes into our storm drains—grass clippings, soap, pesticides, pet waste, whatever—makes its way straight to our streams. Stormwater pollution is our biggest source of water pollution. It all adds up. It all comes back. **And you're the solution, now that you know where it goes.**



**What's wrong with
this picture?**



The people are taking care of their home and car, but they are doing many things that can damage the environment, especially our water.

Answers:

1. Car is leaking oil & antifreeze into the street
2. Sprinkler is watering the sidewalk.
3. Man is littering.
4. Raking leaves into plastic bags—use compost.
5. Pouring oil down sewer

Go to <http://www.epa.gov/OWOW/NPS/kids/whatwring.htm>

Click on the spots where you think someone is doing something wrong for an explanation and how we can do to protect our environment.

Stormwater Tips

- ⇒ Sweep driveways instead of hosing
- ⇒ Place trash in closed containers and pick up litter from others
- ⇒ Don't pour anything into the street or storm drain. It ends up in your rivers and streams
- ⇒ Pick up after your pet when you walk them

"Please don't soil our waters!"



It's no fish story: soil erosion is our #1 water pollutant.

What's wrong with soil? It keeps waterways full of silt and carries a lot of old and other chemicals that contaminate the water and lead to serious problems.



EXHIBIT B.3-A

St. Clair County
2023 Quarterly Meeting Notices

St. Clair County MS4 Group

Quarterly Meeting Notice

**March 7, 2023
9:00 – 11:00 a.m.
Community Center**



**Located in: Shiloh Community Park
14 Park Drive
Shiloh, IL 62269**

We look forward to seeing you!

Tony Schenk, P.E.

Jon Schaller, P.E.

Tammy Mezo, Administrative Assistant

St. Clair County MS4 Group

Quarterly Meeting Notice

**June 6, 2023
9:00 – 11:00 a.m.
Community Center**



Located in: Shiloh Community Park
14 Park Drive
Shiloh, IL 62269

We look forward to seeing you!

Tony Schenk, P.E.

Jon Schaller, P.E.

Tammy Mezo, Administrative Assistant

St. Clair County MS4 Group

Quarterly Meeting Notice

September 19, 2023

9:00 – 11:00 a.m.

Community Center



Located in: Shiloh Community Park
7 Park Drive
Shiloh, IL 62269

We look forward to seeing you!

Tony Schenk, P.E.

Jon Schaller, P.E.

Tammy Mezo, Administrative Assistant

St. Clair County MS4 Group

Quarterly Meeting Notice

**December 5, 2023
9:00 – 11:00 a.m.
Community Center**



**Located in: Shiloh Community Park
14 Park Drive
Shiloh, IL 62269**

We look forward to seeing you!

Tony Schenk, P.E.

Jon Schaller, P.E.

Tammy Mezo, Administrative Assistant

St. Clair County
2023 Quarterly Meeting Agendas

**St. Clair County MS4 Co-Permittee Group
Quarterly Meeting Agenda
March 7, 2023**

Introductions

- ☐ Gonzalez Companies, LLC
 - Tony Schenk (tschenk@gocos.net) / (618) 222-2221 ext. 101
 - Jon Schaller (jschaller@gocos.net) / (618) 222-2221 ext. 119
 - Tammy Mezo (tmezo@gocos.net) / (618) 222-2221 ext. 118
- ☐ Co-Permittee Group Representatives – First Meeting

Open Discussion

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Submission / Confirmation of the RJN NOI's
- ☐ Preparation of Annual Reports –Data Collection Forms Due to Tammy April 7th

Past Events

- ☐ December 6th Quarterly Meeting
 - Permit Requirement Reminders
 - Green Infrastructure / Post-Construction Management Presentation
 - ☐ Presentation and Resources
 - ☐ Employee Training Videos and Other Resources

Permit Requirements Reminders Regarding Data Collections

- ☐ Public Education and Outreach - Brochures and Events
- ☐ Public Involvement and Participation – Annual Public Meeting
- ☐ Illicit Discharge Detection and Elimination (IDDE) – Quarterly Sampling
- ☐ Construction Site Runoff Control – Annual Training - Data Collections (June 7, 2022)
- ☐ Post-Construction Management – Annual Training - Data Collections (December 6, 2022)
- ☐ Good Housekeeping – Annual Training – Data Collections (September 6, 2022)

Program Year in Review / Data Collections / Permit Updates / Annual Reports

- ☐ Presentation and Resources
- ☐ New Permit Requirements / St. Clair County Current NOI / Annual Reports

Upcoming – Next Meeting Tuesday June 6th – 9:00 a.m.

- ☐ April – June – Submittal of Annual Reports – Due May 31st
- ☐ June 2023 – Illicit Discharge Detection and Elimination



**St. Clair County MS4 Co-Permittee Group
Quarterly Meeting Agenda
June 6, 2023**

Introductions

- ☐ Gonzalez Companies, LLC
 - Tony Schenk (tschenk@gocos.net) / (618) 222-2221 ext. 101
 - Jon Schaller (jschaller@gocos.net) / (618) 222-2221 ext. 119
 - Tammy Mezo (tmezo@gocos.net) / (618) 222-2221 ext. 118
- ☐ Co-Permittee Group Representatives – First Meeting

Open Discussion

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Submission of Annual Reports

Past Events

- ☐ March 7th Quarterly Meeting
 - Program Year in Review
 - Discussion on Data Collections and Status of NOI's
 - Discussion on Annual Report Timeline
 - Presentation and Resources
 - ☐ ILR40 Renewal / New Permit Requirements & Data Collections
 - ☐ Employee Training Videos and Other Resources

Permit Requirements Reminders Regarding Data Collections

- ☐ Public Education and Outreach - Brochures and Events
- ☐ Public Involvement and Participation – Annual Public Meeting
- ☐ Illicit Discharge Detection and Elimination (IDDE) – Quarterly Sampling (June)
- ☐ Construction Site Runoff Control – Annual Training - Data Collections (September)
- ☐ Post-Construction Management – Annual Training - Data Collections (September)
- ☐ Good Housekeeping – Annual Training – Data Collections (December)

Presentation and Resources

- ☐ Updated Data Collection Forms
- ☐ Illicit Discharge Detection and Elimination (IDDE)

Upcoming – Next Meeting Tuesday September 19th* – 9:00 a.m.

- ☐ September 2023 – Construction Site Runoff Control and Post Construction Management

* DATE CHANGE - THIS WILL BE THE THIRD TUESDAY OF THE MONTH

**St. Clair County MS4 Co-Permittee Group
Quarterly Meeting Agenda
September 19, 2023**

Introductions

- ☐ Gonzalez Companies, LLC
 - Tony Schenk (tschenk@gocos.net) / (618) 222-2221 ext. 101
 - Jon Schaller (jschaller@gocos.net) / (618) 222-2221 ext. 119
 - Tammy Mezo (tmezo@gocos.net) / (618) 222-2221 ext. 118
- ☐ Co-Permittee Group Representatives – First Meeting

Open Discussion

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Other?

Past Events

- ☐ June 6th Quarterly Meeting
 - Discussion on Submittal of Annual Report
 - Discussion on IL40 Updates and Status of NOI's
 - Presentation and Resources
 - ☐ Updated Data Collection Forms
 - ☐ Illicit Discharge Detection and Elimination (IDDE)

Permit Requirements Reminders Regarding Data Collections

- ☐ Public Education and Outreach - Brochures and Events
- ☐ Public Involvement and Participation – Annual Public Meeting
- ☐ Illicit Discharge Detection and Elimination (IDDE) – Quarterly Sampling (June)
- ☐ Construction Site Runoff Control – Annual Training - Data Collections (September)
- ☐ Post-Construction Management – Annual Training - Data Collections (September)
- ☐ Good Housekeeping – Annual Training – Data Collections (December)

Presentation and Resources

- ☐ Construction Site Storm Water Runoff Control
- ☐ Post-Construction Storm Water Management

Upcoming – Next Meeting Tuesday December 5, 2023 – 9:00 a.m.

- ☐ December 2023 – Good Housekeeping – Annual Training
Updated Data Collections Forms

**St. Clair County MS4 Co-Permittee Group
Quarterly Meeting Agenda
December 5, 2023**

Introductions

- ☐ Gonzalez Companies, LLC
 - Tony Schenk (tschenk@gocos.net) / (618) 222-2221 ext. 101
 - Jon Schaller (jschaller@gocos.net) / (618) 222-2221 ext. 119
 - Tammy Mezo (tmezo@gocos.net) / (618) 222-2221 ext. 118
- ☐ Co-Permittee Group Representatives – First Meeting?

Open Discussion

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Other?

Past Events

- ☐ September 19th Quarterly Meeting
 - IL40 Permit Updates – None Available
 - Permit Reminders and Discussion on Annual Training Requirements
 - Presentation and Resources
 - ☐ Construction Site Storm Water Runoff Control
 - Requirements, Regulatory Mechanism, Plan & Site Review BMPs, Checklists and Additional Resources
 - ☐ Post-Construction Storm Water Management
 - Water Quality / Quantity Control, Structural / Non-Structural BMPs, and What are Other Communities Doing?

Permit Requirements Reminders Regarding Data Collections

- ☐ Public Education and Outreach - Brochures and Events
- ☐ Public Involvement and Participation – Annual Public Meeting
- ☐ Illicit Discharge Detection and Elimination (IDDE) – Quarterly Sampling (June)
- ☐ Construction Site Runoff Control – Annual Training - (September)
- ☐ Post-Construction Management – Annual Training - (September)
- ☐ Good Housekeeping / Operation and Maintenance – Annual Training – (December)

Presentation and Resources

- ☐ Good Housekeeping / Operation and Maintenance
- ☐ Municipal Stormwater Management and Funding Opportunities

Upcoming – 2024 Meeting Schedule? - Tuesday March 5, 2024 – 9:00 a.m.

- ☐ IL40 Permit, Annual Reports, Data Collections Forms

St. Clair County
2023 Quarterly Meeting Sign-In Sheets



MEETING SIGN-IN SHEET

ST. CLAIR COUNTY MS4
21-1034.000
MS4 QUARTERLY MEETING
MARCH 7, 2023

Name	Municipality	Title	Email Confirmation	Cell Phone #
1 Candiac Pearson	City of East St. Louis	Public Works / Admin. Assistant	cpearson@cesl.us	618-541-3013
2 Brian Reed	Stookey Township	Highway Commissioner	commissioner@stookey.org	618-520-6787
3 Mike Williams	Village of Sauget	Supervisor-Maintenance Dept.	villageofsauguet@sbcglobal.net	618-779-0449
4 Tom Weis	Village of Sauget	Village Engineer	tpw@weisdesigngroup.com	314-541-1534
5 Norm Etling	St. Clair County Hwy Dept.	County Engineer	norm.etling@co.st-clair.il.us	
6 Jeff Davis	City of Belleville	Assistant Supt. of Streets	jdavis@belleville.net	618-530-2630
7 Cody Terry	City of Lebanon	Street Supervisor	streets@lebanonil.org	618-980-7868
8 Mark Downs	O'Fallon Township	Highway Commissioner	markdowns@ofallontownship.com	
9 Tim Ahrens	City of Columbia	Assistant City Engineer	tahrens@columbiaillinois.com	618-781-6305
10 John Harty	City of Fairview Heights	Director of Public Works	harty@cofh.org	618-791-4071
11 Tom Quirk	City of Fairview Heights	City Engineer	tom.quirk@cofh.org	618-444-2739
12 Phillip J. Little	Village of Caseyville	Zoning Administrator	plittle@caseyville.org	618-578-0426



Name	Municipality	Title	Email Confirmation	Cell Phone #
13 Joe Iliff	Village of Swansea	Building & Zoning Director	jiliff@swanseail.org	417-655-7967
14 John Waldron	Caseyville Township	Highway Commissioner	johnwaldronhomes@charter.net	618-604-0762
15 Jon Nolan	City of O'Fallon	Engineering Project Manager	jnolan@ofallon.org	618-971-8668
16 Sue Gruberman	St. Clair Township	Accountant	sue@stclairtownship.com	
17 Randy Bolle	Village of Dupu	Maintenance	randyb@villageofdupo.org	618-779-2319
18 Chris Etling	Village of Shiloh	Director of Public Works	cetling@shilohil.org	618-410-6737
19 Mike Campbell	Village of Shiloh	Code Enforcement Officer	mcampbell@shilohil.org	618-410-6739
20 Tim Hasamear	Canteen Township	Highway Commissioner	Timhasamear47@yahoo.com	618-401-2208
21 Wayne Caughman	IEPA			
22 Tony Schenk	Gonzalez Companies			
23 Tammy Mezo	Gonzalez Companies			
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MEETING SIGN-IN SHEET

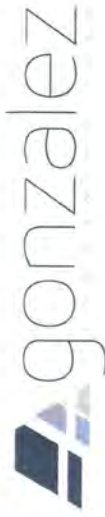
ST. CLAIR COUNTY MS4

21-1034.000

MS4 QUARTERLY MEETING

JUNE 6, 2023

Name	Municipality	Title	Email Changes or New	Cell Phone #
1 Wayne Caughman	IEPA			
2 Phillip J. Little	Village of Caseyville	Zoning Administrator	plittle@caseyville.org	618-578-0426
3 Tammy Warner	Village of Caseyville	Zoning / Deputy Clerk	twarner@caseyville.org	618-604-0220
4 Cody Terry	City of Lebanon	Superintendent of Streets	streets@lebanonil.org	618-980-7868
5 Josh Vandever	Village of Sauget	Supervisor Maintenance Dept.	joshvandever@sbcglobal.net	618-779-0462
6 Tom Weis	Village of Sauger	Village Engineer	tpw@weisdesigngroup.com	
7 Randy Bolle	Village of Dupro	Street Department Lead	randyb@villageofdupo.org	618-779-2319
8 Chris Etling	Village of Shiloh	Director of Public Works	cetling@shilohil.org	618-410-6737
9 Mike Campbell	Village of Shiloh	Code Enforcement Officer	mcampbell@shilohil.org	618-410-6739
10 Sue Gruberman	St. Clair Township	Accountant	sue@stclairtownship.com	
11 Brad Weilmuenster	St. Clair Township			
12 Robert Trentman	St. Clair Township	Highway Commissioner	roads@stclairtownship.com	618-660-3639



Gonzalez Companies, LLC
Engineering – Construction Management

www.gonzalezcos.com

Name	Municipality	Title	Email Changes or New	Cell Phone #
13 Terrance Stith	City of East St. Louis	Street Superintendent	cpearson@cesl.us	618-974-3898
14 Ned Brooks	City of East St. Louis	Pump Station	nedbrooks560@yahoo.com	314-373-9861
15 Jon Nolan	City of O'Fallon	Engineering Project Manager	jinolan@ofallon.org	618-971-8668
16 Mark Downs	O'Fallon Township	Highway Commissioner	markdowns@ofallontownship.com	
17 Chris Smith	City of Columbia	City Engineer/Dir. of Public Works	csmith@columbiaillinois.com	
18 Tim Ahrens	City of Columbia	Assistant City Engineer	tahrens@columbiaillinois.com	618-781-6305
19 Jason Poole	City of Belleville	Director of Public Works	jpoole@belleville.net	
20 Norm Etling	St. Clair County	County Engineer	norm.etling@co.st-clair.il.us	
21 James Harms	St. Clair County		James.harms@co.st-clair.il.us	
22 Tony Schenk	Gonzalez Companies, LLC			
23 Jon Schaller	Gonzalez Companies, LLC			
24 Tammy Mezo	Gonzalez Companies, LLC			
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Gonzalez Companies, LLC
Engineering – Construction Management

www.gonzalezcos.com

MEETING SIGN-IN SHEET

ST. CLAIR COUNTY MS4

21-1034.000

MS4 QUARTERLY MEETING

SEPTEMBER 19, 2023

Name	Municipality	Title	Email Changes or New	Cell Phone #
1 Shelly Korves	St. Clair Township	Supervisor	supervisor@stclairtownship.com	618-660-3645
2 Josh Vandever	Village of Sauget	Maintenance Supervisor	maintenance@villageofsauguet.org	618-779-0462
3 Chris Etling	Village of Shiloh	Director of Public Works	etling@shilohil.org	618-410-6737
4 Mike Campbell	Village of Shiloh	Code Enforcement Officer	mcampbell@shilohil.org	618-410-6739
5 Tim Ahrens	City of Columbia	Assistant City Engineer	tahrens@columbiailinois.com	618-781-6305
6 Jon Nolan	City of O'Fallon	Engineering Project Manager	jinolan@ofallon.org	618-971-8668
7 Phillip J. Little	Village of Caseyville	Zoning Administrator	plittle@caseyville.org	618-578-0426
8 Cody Terry	City of Lebanon	Superintendent of Streets	c.terry@lebanonil.org	618-980-7868
9 Adam Engel	City of Lebanon		No City Email	618-401-5117
10 Mark Downs	O'Fallon Road District	Highway Commissioner	markdowns@ofallontownship.com	
11 Chris Davis	Stookey Township	Road Maintenance		618-781-8650
12 James Harms	St. Clair County H.D.	Design Engineer	James.harms@co.st-clair.il.us	



Name	Municipality	Title	Email Changes or New	Cell Phone #
13 Robert Trentman	St. Clair Township	Highway Commissioner	roads@stclairtownship.com	618-660-3639
14 Norm Etling	St. Clair County H.D.	County Engineer	Norm.etling@co.st-clair.il.us	
15 Jason Poole	City of Belleville	Director of Public Works	jpoole@belleville.net	
16 Tom Quirk	City of Fairview Heights		tom.quirk@cofh.org	
17 John Waldron	Caseyville Township	Highway Commissioner	johnwaldronhomes@charter.net	618-604-0762
18 Randy Bolle	Village of Dupo	Maintenance	randyb@villageofdupo.org	618-779-2319
19 Joe Iliff	Village of Swansea	Building & Zoning Director	jiliff@swanseail.org	417-655-7967
20 Wayne Caughman	IEPA			
21 Tammy Mezo	Gonzalez Companies			
22 Tony Schenk	Gonzalez Companies			
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MEETING SIGN-IN SHEET

ST. CLAIR COUNTY MS4
21-1034.000
MS4 QUARTERLY MEETING
DECEMBER 5, 2023

Name	Municipality	Title	Email Changes or New	Cell Phone #
1 Tom Quirk	Fairview Heights			
2 James Harms	St. Clair County			
3 Norm Etling	St. Clair County			
4 Tim Lockett	East St. Louis			
5 Terrance Stith	East St. Louis			
6 Sue Gruberman	St. Clair Township			
7 Bradley Weilmuenster	St. Clair Township			
8 Bob Trentman	St. Clair Township			
9 Josh Vandever	Village of Sauget			
10 Mike Campbell	Village Shiloh			
11 Sean Schneider	Village Shiloh	Building/Zoning Director	sschneider@shilohil.org	
12 Chris Etling	Village Shiloh			



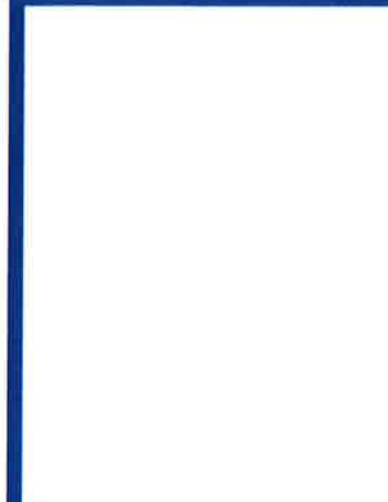
Gonzalez Companies, LLC
Engineering – Construction Management

www.gonzalezcos.com

Name	Municipality	Title	Email Changes or New	Cell Phone #
13 Mark Downs	O'Fallon Township			
14 Bobby Gunter	O'Fallon Township			618-581-0737
15 Alex King	O'Fallon Township			
16 Gary Fohne	O'Fallon Township			
17 Brandon Downs	O'Fallon Township			
18 Jon Nolan	City of O'Fallon			
19 Scott Saeger	City of Belleville	City Engineer		
20 Jason Poole	City of Belleville			
21 John Waldron	Caseyville Township			
22 Cody Terry	City of Lebanon			
23 Adam Engel	City of Lebanon			
24 Phillip J. Little	Village of Caseyville			
25 Brian Reed	Stokey Township			
26 Tom Hill	City of Cahokia Heights			618-977-4455
27 Keith Nolden	City of Cahokia Heights			
28 Tim Ahrens	City of Columbia			
29 Chris Smith	City of Columbia			

St. Louis, MO ~ Belleville, IL ~ Chicago, IL ~ O'Fallon, IL ~ Salem, IL ~ Louisville, KY

2023 Quarterly Meeting
Attendance Certificates



Certificate of Attendance

Jeff Davis Participated in:

MS4 training that included
“Annual Report Preparation and Permit Updates”

Presented by
Tony Schenk

1 PDH is awarded for participation

March 7, 2023



Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Attendance

Jason Poole Participated in:

MS4 training that included
“Illicit Discharge Detection and Elimination”

Presented by
Tony Schenk

1 PDH is awarded for participation

June 6, 2023



Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Attendance

Jason Poole Participated in:

MS4 training that included
“Sediment & Erosion Control / Post Construction Mgmt”

Presented by

Tony Schenk

1 PDH is awarded for participation

September 19, 2023



Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Attendance

Jason Poole Participated in:

MS4 training that included
“Good Housekeeping / Operation & Maintenance”

Presented by
Tony Schenk

1 PDH is awarded for participation

December 5, 2023



Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Attendance

Scott Saeger Participated in:

MS4 training that included
“Good Housekeeping / Operation & Maintenance”

Presented by
Tony Schenk

1 PDH is awarded for participation

December 5, 2023



Tony Schenk
Project Manager
Gonzalez Companies, LLC

2023 Quarterly Meeting
Training Completion Certificates



Certificate of Completion

Jason Poole, City of Belleville

Name

"Illicit Discharge Detection and Elimination"

1 PDH is awarded for participation

June 6, 2023

Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Completion

Jason Poole, City of Belleville
Name

Sediment & Erosion Control Training"

1 PDH is awarded for participation

September 19, 2023

Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Completion

Jason Poole, City of Belleville

Name

"Good Housekeeping / Operation and Maintenance"

1 PDH is awarded for participation

December 5, 2023

Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Completion

Scott Saeger, City of Belleville

Name

"Good Housekeeping / Operation and Maintenance"

1 PDH is awarded for participation

December 5, 2023

Tony Schenk
Project Manager
Gonzalez Companies, LLC

St. Clair County
Promoted Programs /
Public Awareness

Tammy Mezo

From: Norm Etling <Norm.Etling@co.st-clair.il.us>
Sent: Monday, October 23, 2023 3:35 PM
To: Tammy Mezo
Cc: James Harms
Subject: MS4 flyers Wednesday - Issues & Eggs Panel Discussion 10-25-2023
Attachments: 10_23_2023_ver_1_Issues and Eggs Run of Show.docx

[External Email - Please confirm before you open any links or attachments!]

FYI I will be taking 25 of the St. Clair County's Stormwater Guide for Businesses to hand out.

Norm

From: Lamie, Mary C. <MCLamie@TheFreightway.com>
Sent: Monday, October 23, 2023 8:28 AM
To: Norm Etling - St Clair County ('norm.etling@co.st-clair.il.us') <'norm.etling@co.st-clair.il.us'>; Robert Wilson <robert.wilson@swic.edu>; 'Brown, Kirk H' <Kirk.Brown@illinois.gov>; Scott, Kevin B. <KBScott@MetroStLouis.org>
Subject: Wednesday - Issues & Eggs Panel Discussion

Good morning and thank you for agreeing to part of the Belleville Chamber of Commerce's Issues & Eggs on Wednesday, Oct 25. Location is Bellecourt Place 120 N. Jackson St., Belleville, IL. As a reminder registration is 7:00 am, Breakfast 7:30 am, Presentation 8:00 am and closing comments no later than 9:00 am.

See attached for the run of show. As mentioned previously we have included 7 minutes for each panelist. Unfortunately, Ken Sharkey will not be able to join us. We had 7 minutes programmed for both Ken and Rob. I'll provide a quick update of the MetroLink extension and then turn it over to Rob Wilson, so no significant changes.

The PowerPoint presentations that were submitted will be ready to go. Thank you again for taking time out of your schedule to be part of this program and your role with delivering regionally significant projects. Let me know if you need have any questions.

This message has been scanned for malware by FORCEPOINT. www.forcepoint.com

Caution: This is an external email. Please take care when clicking links or opening attachments. When in doubt, contact your IT Department.

Mary Lamie (2 – 3 minutes):

Good morning and welcome to the St. Clair County Multimodal Transportation Update. Today we'll hear from four of our region's transportation agencies all having a role with advancing key infrastructure projects in our community and the region.

Joining us today is:

- Kirk Brown, Region 5 Engineer with the Illinois Department of Transportation which includes 27 counties in southern Illinois.
- Kevin Scott, General Manager of Security with Bi-State Development, which operates Metro Transit for the St. Louis region
- Unfortunately, Ken Sharkey, Managing Director with St. Clair County Transit District could not be with us today.
- Rob Wilson, Director with Alternative Transportation System

And

- Norm Etling, St. Clair County Engineer

Kirk Brown will start with you

Kirk Brown (7 minutes):

Mary Lamie

Next, we have Kevin Scott with Bi-State Development

Kevin Scott (7 minutes):

Mary Lamie

As I mentioned previously St. Clair Co Transit Ken Sharkey could not be with us today. We wanted to include a quick update of the MetroLink expansion and were provided the following information.

Our next panelist is Rob Wilson with Alternative Transportation System.

Rob Wilson (7 minutes) :

Mary Lamie

Saving the best for last and wrapping up our roadway improvements in St. Clair co we have Norm Etling, St. Clair County Engineer

Norm Etling (7 minutes):

Q&A (10 minutes):

Preventing Polluted Runoff Everybody's Business

Homeowners can prevent polluted runoff by using fertilizers and chemicals sparingly, maintaining septic systems, and picking up pet waste.

Farmers can prevent polluted runoff by managing soil and animal feeding operations and buffering streams with native trees and plants.

Developers and planners can prevent polluted runoff by using low impact development and providing structural and nonstructural controls.

CEPA Clean Environment Protection Act
Illinois

Illinois



Stormwater Hotline
(618) 825-2690

For more information

St. Clair County Board Office

or

St. Clair County Planning and Zoning Department
10 Public Square
Belleville, IL, 62220
(618) 277-6600

St. Clair County Health Department

Pollution Prevention Program
19 Public Square, Suite 150
Belleville, IL 62220
(618) 233-7769



www.epa.gov

ST. CLAIR COUNTY'S STORMWATER

GUIDE FOR BUSINESSES

Rain washes oil, fertilizer and other pollutants into storm drains...

...which flows untreated into lakes and streams.

You can help prevent water pollution by volunteering to apply drain markers to storm drains in your neighborhood.

Also, consider adopting a stream to keep trash out of our creeks.

DON'T DUMP
Drain Markers

Adopt a Stream



stop someone from ripping you off

You may not hear it.
You may not see it....
But you definitely pay for it.

Dumping waste into storm drains, ditches or waterways is illegal. Dumping contaminates drinking water supplies, recreation areas and wildlife habitat. Cleanup efforts cost millions of dollars each year. And that's your tax dollars hard at work.

Avoid getting ripped off. Report illegal dumping right away. Your action will help prevent further water contamination and reduce potential clean up costs.

**Fill It, Don't
Spill It!**



FUEL SPILLS ARE ILLEGAL

Spill Prevention And Clean-Up Plan

- Take the time to use precautions to prevent spills.
- Keep materials inside water-tight and rodent-proof containers.
- Sweep and mop frequently to reduce the amount of dirt and other residues that accumulate where you work.
- Clean up spills promptly if they do happen.
- Clean up without water whenever possible by sweeping.



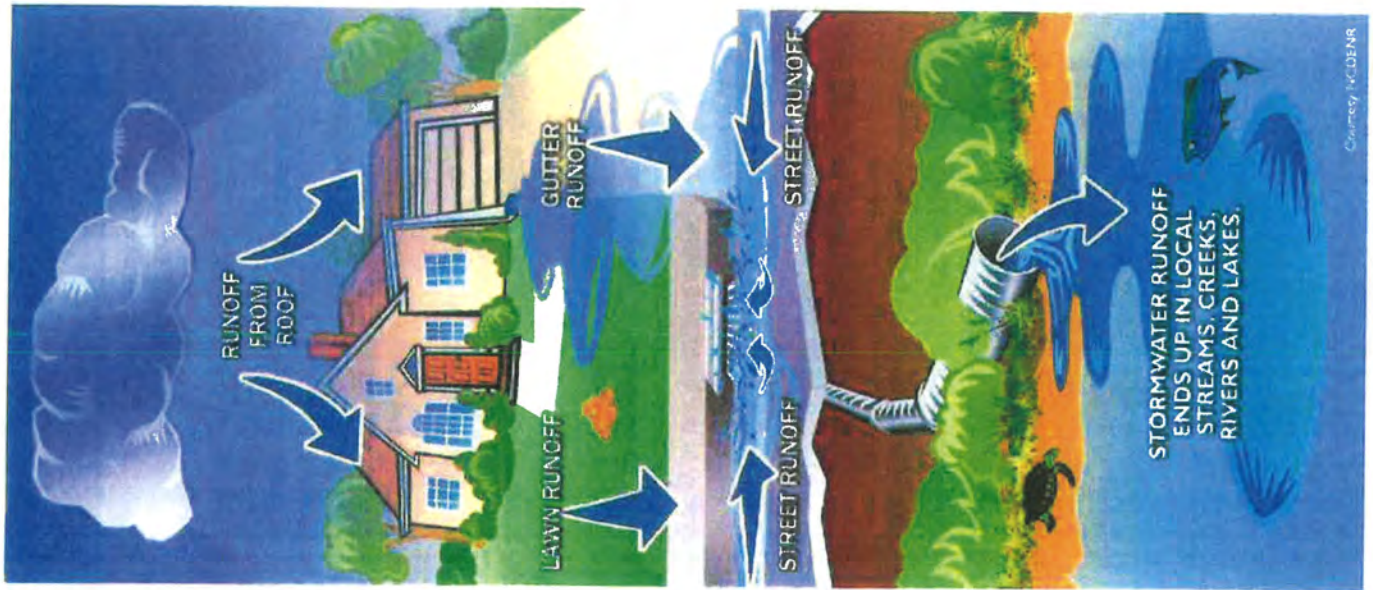
“Please don’t soil our waters!”



It's no fish story: soil erosion
is our #1 water pollutant.

Storm Water Tips

- ⇒ Don't dispose of oil and other chemicals onto driveways, parking lots or storm drains. Use a recycling center.
- ⇒ Wash vehicles at commercial car washes that recycle their wastewater.
- ⇒ Store and dispose of all chemicals according to the manufacturer's recommendations.
- ⇒ Sweep parking lots and storage areas once a month. Dispose of the dirt and debris in the appropriate trash can.
- ⇒ Place trash in its proper closed container and pick up litter from others.
- ⇒ Cover materials stored outdoors to prevent excess runoff to storm water drains.
- ⇒ Use water for cleaning exterior area sparingly.



Stormwater Hotline
(618) 825-2690

For more information

St. Clair County Board Office

or

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10 Public Square
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(618) 277-6600

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Pollution Prevention Program

19 Public Square, Suite 150
Belleville, IL 62220
(618) 233-7769



www.epa.gov

ST. CLAIR **COUNTY'S** **RESIDENT** **STORMWATER** **GUIDE**

Seven Simple Steps to Clean Water



Our Water. Our Future. Ours to Protect.

I CAN'T PLAY IN THE STREAM ANYMORE IT'S YUCKY NOW



Carefully store and dispose of household cleaners, chemicals, and oil.

Did you know that many household products are dangerous to our kids, pets, and the environment?

These materials pollute our waterways if washed or dumped into storm drains or roadside ditches that lead directly to our lakes and rivers. Household cleaners, pesticides, gasoline, antifreeze, used motor oil, and other hazardous products need to be labeled, stored, and disposed of properly.

So what can you do? Simple.

- Be aware of household products that can harm children, pets and the environment. Pay attention to words such as "warning" or "caution" on product labels.
- Reduce waste and save money by purchasing only the materials you need.
- Keep unused products in their original containers with labels.
- Never dump hazardous products down storm drains, roadside ditches, sinks, or on the ground—take them to your local community's hazardous waste collection day.

Help keep our homes
and the environment safe.

www.inyourwater.org



If it's on the ground
it's in your water



Many things you put on your yard end up in the water nearby.



Send them packing! There are lots of less toxic ways to control pests in your home and garden without using harmful chemicals.

You can have a lush garden and pest-free home while keeping your family and our waterways healthy.



A little less toxic. Use safer baits instead of poisonous sprays.

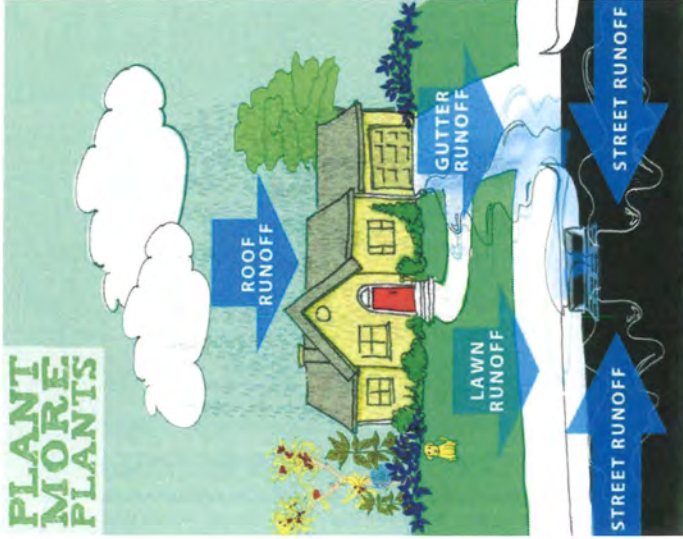
Stormwater Tips

- ⇨ Don't dispose of oil and other chemicals onto driveways, streets or storm drains. Use a recycling center.
- ⇨ Wash your car at commercial car washes that recycle their wastewater.
- ⇨ Dispose of all chemicals according to the containers.
- ⇨ Sweep driveways instead of hosing.
- ⇨ Do not overwater lawns and gardens.
- ⇨ Reduce the amount of fertilizers and pesticides you apply on your lawn and landscaping.
- ⇨ Place trash in closed containers and pick up litter from others.
- ⇨ Have your car tuned up and make sure it's not leaking fluids.
- ⇨ Pick up after your pets when you walk them.



STOP STORMWATER POLLUTION.

PLANT
MORE
PLANTS



STORMWATER RUNOFF TRAVELS FROM YOUR YARD
TO LOCAL STREAMS, CREEKS, RIVERS AND THE BAY



residential rain garden

(keep 10 feet away from road structure)



ST. CLAIR
COUNTY

STORMWATER MANAGEMENT



ST. CLAIR
COUNTY

STORMWATER MANAGEMENT

St. Clair County Stormwater Management

For more information

St. Clair County
Building and Zoning Department
10 Public Square
Belleville, IL 62220

Stormwater Hotline
618-825-2690

Email: stormwater@co.st-clair.il.us



co.st-clair.il.us/stormwater

Homeowner Best Management Practices

618-825-2531

stormwater@co.st-clair.il.us

co.st-clair.il.us/stormwater



ST. CLAIR
COUNTY



ST. CLAIR
COUNTY

HELP YOUR WATERSHED!

STORMWATER MANAGEMENT

STORMWATER MANAGEMENT

Everyone lives in a watershed, and it takes a community to maintain and protect it!

St. Clair County is looking for input on water quality concerns or issues in your watershed. If you have any information, please provide it online at:

co.st-clair.il.us/stormwater/concerns

However, no matter where you live in a watershed, you contribute to the health of local streams and rivers.

If you don't have information to contribute, you can still help improve the health of your watershed by following the guidance in this brochure!



St. Clair County Stormwater Management

For more information

St. Clair County
Building and Zoning Department
10 Public Square
Belleville, IL 62220

Stormwater Hotline
618-825-2690

Email: stormwater@co.st-clair.il.us



co.st-clair.il.us/stormwater

co.st-clair.il.us/stormwater

BEST MANAGEMENT PRACTICES

618-825-2531

stormwater@co.st-clair.il.us

A riparian landowner

owns property adjacent to

a lake or stream. The

shoreline of a lake or

stream and the immediate

adjacent area is called a **riparian buffer**. Riparian

landowners are the last defense to protect our

lakes and streams.

Healthy riparian buffers serve many purposes such

as protecting water quality, reducing erosion,

enhancing wildlife habitat, minimizing impacts of

human activities, and providing positive

aesthetics.

What is a Watershed?

Area of land and water draining to a particular river, stream, lake or wetland



Riparian landowners enjoy benefits from the lake or stream's natural attributes and are responsible for maintaining the streambanks or lakeshore (and riparian buffer) on your property.

This brochure provides some helpful tips for maintaining a healthy riparian buffer. Riparian buffers should be at least 10 feet of dense native plants to grow along the water's edge and streambank to allow pollutants to filter out and the banks to stabilize.

Resources

STREAM/SHORELINE BEST MNGT. PRACTICES

- ◆ Before making any stream or shoreline modifications please contact:
- ◆ Lake Co. Stormwater Management Commission, 500 W. Winchester, Suite 201, Libertyville, IL 60048, (847) 377-7700, www.lakecountyil.gov/stormwater

PLANT/TREE INFORMATION

- ◆ Illinois Native Plant Guide, download from the Natural Resources Conservation Service (NRCS): www.nrcs.usda.gov/wps/portal/nrcs/main/il/plantsanimals/
- ◆ Native Tree/Shrub Information at Conserve Lake County website: <http://www.conservelakecounty.org/images/pdf/native-trees-and-shrubs-lake-county-illinois.pdf>
- ◆ Tree and plant descriptions—Morton Arboretum: <http://www.mortonarb.org/trees-plants/tree-plant-descriptions>
- ◆ Purchasing Native Plants—IL Native Plant Society—www.il-nips.org/
- ◆ Midwest Invasive Plant Network—Invasive Species Alternatives : <http://www.mipn.org/publications>

SHORELINE MNGT., POLLUTANTS, & WATER QUALITY

- ◆ Lake Co. Health Department, Lakes Management Unit (LCHD), 500 W. Winchester Rd. Libertyville, IL 60048, (847) 377-8000, <http://health.lakecountyil.gov/Population/Pages/Lakes-Management.aspx>

SOIL TESTING

- ◆ University of Illinois Extension—Grayslake, IL <http://extension.illinois.edu/soiltest/>

FUNDING FOR THIS PROJECT PROVIDED, IN PART, BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY THROUGH SECTION 319 OF THE CLEAN WATER ACT. & THE LAKE COUNTY STORMWATER MANAGEMENT COMMISSION (LCSMC).

PUBLISHED (FEBRUARY 2016)

Lake County Stormwater Management Commission
500 W. Winchester Road, Libertyville, IL 60048
Phone: 847-377-7700
E-mail: awarren@lakecountyil.gov

LIVING ON THE WATER'S EDGE



Living on the water's edge refers to landowners that live at properties along the shoreline of a lake or stream and the immediate adjacent area; this is also referred to as **RIPARIAN BUFFER**.



Best Management Practices for Properties Adjacent to Streams and Lakes

DON'T DUMP!

Dumping yard waste and other debris in your riparian buffers and streams can cause stream blockages, elevate flood stages, and wash sediment and debris (excessive nutrients) into the water bodies.



- ◆ Never dispose of chemicals in the streams, lakes or riparian buffers.
- ◆ Never dispose of branches, leaves, or clippings in the riparian buffers.
- ◆ Remove fallen trees that block flows

FERTILIZE WISELY

One of the largest problems in Lake County streams and lakes is high amount of nutrients, which produce excessive growth of algae and other undesirable aquatic plants.

- ◆ Test your soil before fertilizing.
- ◆ Don't apply fertilizer before a rain event
- ◆ Be P-free with your fertilizers!
- ◆ Don't apply fertilizers to riparian buffers.

MINIMIZE STORMWATER RUNOFF

Impervious surfaces (roofs and driveways) convey runoff and pollution to our waterways. By minimizing impervious surfaces you can reduce the transport of sediment, chemicals, and other pollutants to waters.

- ◆ Disconnect flow from downspouts & sump pumps from the stream or lake and direct to a rain garden or bioswale



RIPARIAN BUFFER

RIGHT PLANT—RIGHT PLACE!

Deep rooted native plants and trees have long root systems to keep soils in place, absorb runoff, and filter out pollutants. When ground and banks are left bare, soil erodes and washes off into nearby lakes and streams.

- ◆ Remove invasive plants from your yard & riparian buffers
- ◆ Use deep rooted native plants in your landscaping—less water required



Rain Gardens are shallow depressions planted with native plants and are positioned to capture stormwater runoff.

REFERENCES

- Riparian Area Management A Citizen's Guide. Lake County Stormwater Management Commission, (LCSMC.) Libertyville, Illinois, 2014.
- Managing the Water's Edge, Making Natural Connections: Southeastern Wisconsin Regional Planning Commission, Waukesha, Wisconsin, 2010.



ST. CLAIR
COUNTY

HELP YOUR WATERSHED!

STORMWATER MANAGEMENT

"Send Only Rain Down the Drain!"

In order to protect the water quality of local streams, car wash kits or other protection measures should be used when holding a car wash event.



ST. CLAIR
COUNTY

STORMWATER MANAGEMENT

St. Clair County Stormwater Management

For more information

St. Clair County
Building and Zoning Department
10 Public Square
Belleville, IL 62220

Stormwater Hotline
618-825-2690

Email: stormwater@co.st-clair.il.us



co.st-clair.il.us/stormwater



CAR WASH GUIDELINES

618-825-2531

stormwater@co.st-clair.il.us

co.st-clair.il.us/stormwater

CAR WASH GUIDELINES

To Learn More

Visit us at: co.st-clair.il.us/stormwater

Or

Call us at 618-825-2531

OVERVIEW

Washing your car at home or at a local fundraiser can wreak havoc on nearby bodies of water, simply by sending pollutants like dirt, soap, oil, grease and metals, along with the wash water, into streams and river. Ideally, waste water from car washes should be emptied into a sanitary sewer (the system that transports wastewater to a treatment facility) if allowed by local jurisdiction.

The following suggestions are some other ways to make your car washes friendly to our local waterways.

REMEMBER: Only rain goes down the storm drain!

AT HOME:

- Pull your car onto the lawn before washing. You can water your lawn at the same time you wash your car.
- Use phosphate-free, biodegradable cleaning products.
- Avoid using degreasers, solvents and tire cleaning products.
- Wring out sponges and rags in a bucket, then empty the bucket into the sanitary sewer system, via sinks or toilets. You can also empty the bucket onto pervious landscaped areas where wastewater can be absorbed.
- Use a low-flow nozzle for your hose and turn it off when you're not using the water.
- Sweep up any debris (rather than hosing it to the street) and dispose of it in the garbage.
- If possible, take your car to a commercial car wash. These facilities use technology to achieve minimal water usage and discharge their water in a regulated and safe manner. Some car washes reuse water and even employ environmentally friendly soaps!
- **Bonus Tip:** Ensure you're regularly changing your oil to prevent excessive oil leakage.

AT A FUNDRAISER:

- Follow guidelines in the "At Home" section.
- Use a car wash kit to prevent soapy, dirty water from entering the storm sewer.
- Hold the event at commercial car wash. The increased traffic can benefit both the fundraiser and the commercial car wash!
- Sell tickets to a commercial car wash, where soapy water is disposed in a safe manner.
- Use earth-friendly cleaning products.
- Make use of a pressure washer. This will get the job done, but use less water.
- Follow the *Just Enough* principle. Use just enough soap and water needed to get the job done. Even if the soap is biodegradable, it can still have an effect on fish and invertebrates in our rivers. Less soap also means more of a profit for the charity!





What NOT to put in your Sharps Container:

- NOTHING other than sharps.
- No bandages, gauze, alcohol wipes, or other trash.
- No medications: over-the-counter or prescription.

Where to dispose of medications:

- CVS at 4609 W. Main St., Belleville
- CVS at 753 W. Hwy. 50, O'Fallon
- Walgreens at 5890 N. Belt West, Belleville
- Walgreens at 2510 State St., East St. Louis
- Copper Bend Pharmacy, Ste. 920B, Belleville
- Caseyville, Fairmont City, Fairview Heights, & O'Fallon Police Departments.
- St. Clair County Sheriff's Dept., entrance at 700 N. 5th St., Belleville

Our current grant ends on June 30, 2024. Full containers can be dropped off until that date.

MEMORANDUM

Julie Wittenauer, M.D.
President
St. Clair County Board of Health

Myla Blandford,
MPH, REHS, LEHP
Executive Director
St. Clair County Health Department

Administrative/Fiscal
618.233.7703
618.222.1630 fax

Infectious Disease Prevention

Communicable Disease
618.233.6175
618.233.9356 fax

**Southwestern Illinois
HIV Care Connect**
618.825.4501
618.825.4585 fax

Emergency Preparedness
618.233.7703
618.233.9356 fax

**Health Promotion & Wellness
Clinical Services & Systems**

Maternal-Child Health Programs
618.233.6170
618.236.0831 fax

Breast and Cervical Cancer
618.233.7703
618.233.7712 fax

Environmental Health
618.233.7769
618.236.0676 fax

To: All Units of Local Government, Cities, Townships, Highway Commissioners, and, Public Works Directors

Date: August 14, 2023

RE: **LOCAL GOVERNMENT ONLY Used Tire Collection 2023**

The Illinois Environmental Protection Agency is pleased to sponsor a used tire collection for St. Clair County. This tire collection is for **Governmental Entities ONLY** and is **NOT open to the general public**. **No used tires from ULG fleets or from private entities are allowed.** Please **DO NOT** advertise this collection to the public.

The collection will be held on **Tuesday September 19, 2023 and Wednesday, September 20, 2023 from 8:00a.m. until 3:00p.m.** on both days.

Illinois Department of Transportation has graciously allowed the use of their property at **8313 Shiloh Valley Township Line Road, Lebanon, Illinois.**

Tires on rims, large truck, and tractor tires MUST be kept separate to facilitate unloading in a different area at the collection site.

Please take the necessary steps to ensure that mud and comingled waste materials (i.e. rocks/bricks, lumber, and garbage are removed from each load PRIOR to delivery.

If you have any specific questions, please contact one of us:

Michael Gates
St. Clair County Health Dept.
618-825-4451 office
michael.gates@co.st.clair.il.us

Jacob McQuaid
Illinois EPA
618-346-5142 office
Jacob.McQuaid@illinois.gov

Follow us on:

Facebook:
@SCC.HealthDepartment

Twitter:
@StClairHealth



County Administrator Reports Clean Sweep Hauled 185 Truckloads



Waste Management Clean Sweep Tickets

March - May 2023			June - September 2023			Oct. 2023 - Feb. 2024		
Ticket #	Date	Tons	Ticket #	Date	Tons	Ticket #	Date	Tons
1898391	03/01/23	1.34	1923276	06/06/23	3.56	1948985	10/02/23	7.24
1898397	03/01/23	0.54	1923539	06/06/23	1.05	1949290	10/03/23	5.89
1898549	03/02/23	1.56	1923555	06/06/23	1.90	1949872	10/05/23	4.91
1900156	03/09/23	4.48	1923641	06/07/23	6.61	1952014	10/13/23	1.77
1901030	03/14/23	7.13	1924637	06/12/23	5.24	1957254	11/07/23	0.58
1901760	03/16/23	3.46	1925633	06/15/23	4.29	1957269	11/07/23	0.54
1904107	03/22/23	2.68	1927000	06/21/23	4.34	1957660	11/08/23	1.01
1904277	03/23/23	5.20	1928211	06/27/23	2.44	1963925	12/07/23	5.17
1905168	03/27/23	6.73	1928223	06/27/23	0.98	1964552	12/11/23	6.78
1905698	03/28/23	7.19	1928275	06/27/23	4.32	1964921	12/12/23	12.99
1906763	03/30/23	6.66	1928288	06/27/23	4.58	1965425	12/14/23	9.70
1908095	04/04/23	19.89	1928381	06/27/23	2.44	1966406	12/19/23	10.26
1909504	04/10/23	7.86	1928390	06/27/23	2.81	1966764	12/20/23	12.24
1909911	04/11/23	0.51	1928554	06/28/23	2.97	1968720	01/03/24	10.46
1910140	04/12/23	6.54	1928556	06/28/23	1.77	1969011	01/04/24	3.14
1910153	04/12/23	0.50	1928597	06/28/23	3.90	1969749	01/08/24	4.67
1910155	04/12/23	2.40	1928598	06/28/23	2.51	1970427	01/11/24	4.79
1911182	04/17/23	4.89	1928602	06/28/23	6.11	1971541	01/18/24	2.11
1911478	04/18/23	6.76	1928694	06/28/23	1.15	1972129	01/23/24	6.37
1911733	04/19/23	4.10	1928695	06/28/23	1.34	1972308	01/24/24	4.92
1912101	04/20/23	7.93	1928866	06/29/23	1.77	1972669	01/25/24	4.65
1912685	04/24/23	4.87	1928919	06/29/23	1.37	1973328	01/29/24	5.63
1912818	04/24/23	3.85	1929992	07/06/23	4.90	1973475	01/30/24	4.96
1914328	05/01/23	2.86	1931222	07/12/23	6.04	1974063	02/01/24	5.53
1914675	05/02/23	5.74	1933000	07/20/23	7.59	1974663	02/05/24	6.01
1914749	05/02/23	0.30	1933967	07/25/23	6.56	1974845	02/06/24	5.33
1914766	05/02/23	0.24	1934642	07/27/23	5.91	1975148	02/07/24	5.50
1914822	05/02/23	0.45	1936777	08/07/23	4.54	1975382	02/08/24	2.37
1914840	05/02/23	0.32	1939101	08/17/23	9.00	1976105	2/12/2024	5.87
1915279	05/04/23	4.58	1940049	08/22/23	5.88	1976231	2/13/2024	3.22
1915795	05/05/23	1.56	1940386	08/23/23	5.06	1976522	2/14/2023	5.27
1915798	05/05/23	1.33	1943305	09/06/23	8.07	1977542	2/20/2024	6.56
1916328	05/09/23	3.10	1943664	09/07/23	3.39	1977783	2/21/2024	0.74
1916892	05/11/23	8.44	1944650	09/12/23	6.76	1978715	2/26/2024	4.74
1918314	05/17/23	5.91	1945347	09/14/23	5.12	1979568	2/29/2024	3.05
1918735	05/18/23	7.21	1946800	09/21/23	2.43			
1919452	05/22/23	8.52	1946805	09/21/23	7.05			
1919670	05/23/23`	4.81	1946856	09/21/23	3.15			
1920311	05/24/23	7.45						
1921385	05/30/23	3.14						

EXHIBIT B.7-A

St. Clair County
Public Meeting Agenda



STREETS & GRADES AGENDA CITY OF BELLEVILLE, ILLINOIS

MONDAY, November 20, 2023 • 6:00 P.M.
Belleville City Hall, 101 S. Illinois St.
SECOND FLOOR CONFERENCE ROOM

City Staff:

Scott Saeger, City Engineer
Jason Poole, Director of Public Works
Rene Thompson, Engineering Secretary

Committee Members:

Alderwoman Lillian Schneider, Ward 1
Alderwoman Carmen Duco, Ward 2
Alderman Kent Randle, Ward 3, Chairman
Alderman Raffi Ovian, Ward 4
Alderman Ed Dintelman, Ward 5
Alderman Chris Rothweiler, Ward 6
Alderman Dennis Weygandt, Ward 7
Alderwoman Nora Sullivan, Ward 8

1. **Call to Order/Roll call of Members and Staff**
2. **Recognition of Guest Alderman**
3. **Recognition of Other Guests**
4. **Emergency Procedures**
5. **Public Participation (2-3 MINUTES PER PERSON)**
 - (a) Members of the public may address the City Council in accordance with Section 2.06(g) of the Illinois Open Meetings Act (5 ILCS 120/2.06(g);
 - (b) Public comments are limited to three (3) minutes per speaker;
 - (c) The subject of public comments shall be reasonably related to matters(s) identified on the meeting agenda and/or other city business;
 - (d) Repetitive public comments should be avoided, to the extent practical, through adoption of prior public comment (e.g. agreeing with prior speaker);
 - (e) The following conduct is prohibited during public participation:
 - Acting or appearing in a lewd or disgraceful manner;
 - Using disparaging, obscene or insulting language;
 - Personal attacks impugning character and/or integrity;
 - Intimidation;
 - Disorderly conduct as defined in Section 130.02 of this revised code of ordinances.
 - (f) Any speaker who engages in such prohibited conduct during public participation shall be called to order by the chair or ruling by the chair if a point of order is made by a sitting alderman.
6. **Approval of Minutes from October 16, 2023**
7. **Director of Public Works**

8. New Business

1. Municipal Cost Estimate for FY 2024-2025

Motion to approve Municipal Cost Estimate for FY 2024-2025, in the amount of \$2,403,513.79. (MFT Funds)

2. Resolution for Maintenance Under the Illinois Highway Code

Motion to approve Resolution for Maintenance Under the Illinois Highway Code, with Illinois Department of Transportation for FY 2024-2025, in the amount of \$2,403,513.79. (MFT Funds)

3. Raab Ave. Resurfacing

Motion to approve K.R.B. Excavating, Inc. in the amount of \$342,424.00 for resurfacing of Raab Ave. from S. 19th Street to S. 17th Street. Work consists of removals, earthwork, concrete curb, surface courses, sidewalk, driveway pavement, drainage structures, seeding and all incidental collateral work necessary to complete the project. (TIF 3 Funds)

4. Memorandum of Understanding with St Clair Co. Transit District

Motion to approve a memorandum of understanding with the St. Clair County Transit District for construction and maintenance of the North 66th St. shared use path in the amount of \$101,034.00 (ARPA Funds)

5. Raab Ave. Construction Inspection

Motion to approve Gonzalez Companies, LLC in the amount of \$44,210.00 for the Construction Inspection of Raab Ave. (TIF 3 Funds)

6. On Demand Engineering and Surveying Agreement for Lochmueller Group

Motion to approve Lochmueller Group, in the amount of \$19,950.00 to provide Professional Engineering, Surveying, Planning and/or Environmental Services on an "as-needed" basis. (General/MFT Funds)

7. MS4 Stormwater Permit Presentation

A request by Jason Poole, Director of Public Works, to enter into these meeting minutes that MS4 information has been made available for public inspection at this public meeting of this Streets and Grades Committee.

9. Miscellaneous/Aldermanic Discussion

Gass Ave. Extension

Ronald and Mary Bingheim, owners of parcel 08280112056, lots 33 and 34, are planning to build. They request Gass Ave. to be extended to the North for access onto property. Resident requests roadway to end at lot 34; not creating a through road.

10. Executive Session

The Streets and Grades Committee may go into executive session to discuss probable or imminent litigation (5 ILCS 120/2(c)(11))

11. Adjournment

TRANSPORTATION COMMITTEE
Minutes Tuesday January 16, 2024
4:00 PM Highway Office
1415 North Belt West
Conference Room

Members in Attendance

Rick Vernier, Chairperson
Marty Crawford, Vice Chairperson
Robert Allen
Michael O'Donnell
Robert Trentman

Guest

Norm Etling, County Engineer
Randy Georgen, Asst. County Engineer
Cheri Weaver, Roads & Bridges

Members Absent

Roy Mosley, Jr.
Harry Hollingsworth

The Chairperson called to order with the Pledge of Allegiance at 4:00 p.m.

Mr. O'Donnell made a motion seconded by Mr. Allen for the approval of minutes from the 12-11-2023 meeting. All members present voted aye.

The Chairperson asked if there were any comments on the agenda. None were presented.

The Chairperson asked if there were any comments from the audience. None were presented.

Informational 1) MS4 Update, the County Engineer informed the committee of the updates and reports.

Action Item 1) Approve the Roads and Bridges Five Year Capital Improvement Plan. Mr. O'Donnell made a motion seconded by Mr. Trentman to approve. All members voted aye.
2) Approve Roads and Bridges ADA Transition Plan. Mr. Crawford made a motion seconded by Mr. O'Donnell to approve. All members voted aye.
3) Approve entering into the Joint MS4 Agreement with Gonzalez Companies for Testing in 2024. Joining in the testing are City of Fairview Heights, City of O'Fallon, Caseyville Township and O'Fallon Township. Cost to St. Clair County portion to be less than \$1000.00. Mr. O'Donnell made a motion and seconded by Mr. Crawford to approve. All members voted aye.

Ordinance: 1) Authorizing the name change of the County Highway System Portion of 19th Street in East St. Louis to Bishop Otis A. Eanes, Sr. Way. Mr. Crawford made a motion seconded by Mr. Allen to approve. All members voted aye.

Resolutions:

A) Resolution authorizing a Cost-Plus Fixed Fee contract with Oates Associates, Inc. for the design and plans for the widening of Greenmount Road from .25 miles north of Lebanon Avenue to .31 miles south of Frank Scott Parkway in the amount of \$782,391.00; Section 16-00333-17-PW. Mr. O'Donnell made a motion seconded by Mr. Trentman to approve. All members present voted aye.
B) Resolution authorizing an additional \$8040.00 from the County Rebuild IL Funds to Volkert, Inc for Section # 22- 00030-06-SP; Baldwin Road drainage structure. Mr. Crawford made a motion seconded by Mr. O'Donnell to approve. All members present voted aye.
C) Resolution authorizing the purchase of metal culverts for 2024 from the low bidder; Metal Culvert. Mr. Allen made a motion seconded by Mr. Crawford to approve. All members present voted aye.

- D) Resolution authorizing the purchase of Bituminous Products for 2024 from the low bidders. Mr. Crawford made a motion seconded by Mr. O'Donnell to approve. All members present voted aye.
- E) Resolution authorizing the purchase of aggregate for 2024 from the low bidder per location and material chosen. Mr. Allen made a motion seconded by Mr. Crawford to approve. All members present voted aye.
- F) Resolution authorizing the expenditure of \$20,000.00 from the County Highway Fund for inner-office expenditures related to Section 20-00304- 06-BR; bridge projects. Mr. Crawford made a motion seconded by Mr. O'Donnell to approve. All members present voted aye.
- G) Resolution authorizing an additional \$8000.00 from the County Rebuild Funds for additional cost related to Imbs Station Road Bridge Section 18-00141-03-BR. Mr. Crawford made a motion seconded by Mr. Allen to approve. All member present voted aye.
- H) Resolution authorizing \$8000.00 from the County Matching Funds for additional costs related to Section 19-00999-00-BR; bridge resurfacing. Mr. Crawford made a motion seconded by Mr. Allen to approve. All members present voted aye.
- I) Resolution authorizing award to the low bidder, Piasa Oil LLC, in the amount of \$1,498,917.00 to furnish and apply road oil. Mr. Crawford made a motion seconded by Mr. O'Donnell to approve. All members present voted aye.
- J) Resolution authorizing the surplus of various equipment. Mr. Allen made a motion seconded by Mr. Trentman to approve. All members present voted aye.

Engineer's Report

Stolle Road Project Development Report at IDOT

Acquiring ROW for the Baldwin Road box culvert project.

Commented on proposed Road Use Agreement for solar farm at Bee Hollow. Awaiting reply for developer

Responded to requests for information from solar farm developers.

Engineering service for the bridge replacement on Old Collinsville Road negotiated.

Letter drafted as response to proposed repairs on FSP at Auffenberg. No response

New tandems at Woody's for bed and blade install. Latest update is summer.

Balance of Cameras at shop awaiting parts for completion.

ICC review of RR crossing on Old Freeburg. No new info from ICC

Millstadt Township ADA improvements on County ROW inspected 1-5-2024 and punch list sent

Traffic control plan for trucks crossing Wherry Road approved

Review of Metro Extension stormwater plan sent. No response yet.

Traffic Controller destroyed in accident replaced and back operational 1-3-2023

Grade Crossing Fund Application for Greenmount Road submitted.

STP application prepared for preservation on a portion of FSP

St. Clair Service submitted a new proposal.

IL Transportation Meeting 1-11-2024

Freightway meeting 1-17-2024.

EWG meeting 1-23-2024.

Southern IL Planning Commission meeting 1-24-2024

Mr. Crawford made a motion seconded by Mr. Allen to accept and file the report. All members present voted aye.

The Chairperson asked if there was any Old Business: Mr. Trentman asked about the S curve on Baldwin Road. The County Engineer said that the road has been being monitored. Mr. Allen asked if there had been any more thefts at the yard. The County Engineer said no.

The Chairperson asked if there was any New Business: The County Engineer said there is talk about moving all County fueling to Road & Bridges yard.

Adjournment

Mr. Allen made a motion seconded by Mr. O'Donnell to adjourn. All members present voted aye.

The Chairperson adjourned the meeting at 4:30 p.m.

BMP Training

Erosion & Sediment Control

Why Control Erosion and Sedimentation?

Sedimentation from erosion causes the following impacts:

1) Physical Impacts

- Damages aquatic areas and property
- Increases flooding effects
- Strains public infrastructure
- Increases maintenance costs



2) Biological Impacts

- Hinders plant growth
- Kills organisms and fish
- Disrupts the food chain



Controlling Erosion and Sedimentation

Best Management Practices

Stabilize Exits:

- Fabric Lined
- Clean 2-3" Stone
- Sweeping is in conjunction with, not instead of, stabilized access
- Can use rumble grates

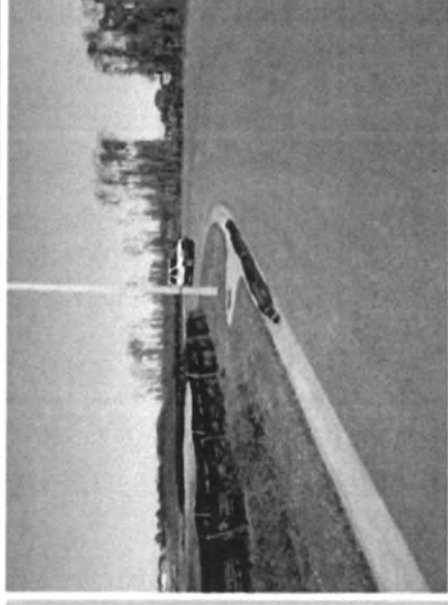


Controlling Erosion and Sedimentation

Best Management Practices

Perimeter Controls

- Adequate for drainage area and site conditions
- Shouldn't be the only BMP
- Properly Installed and Maintained

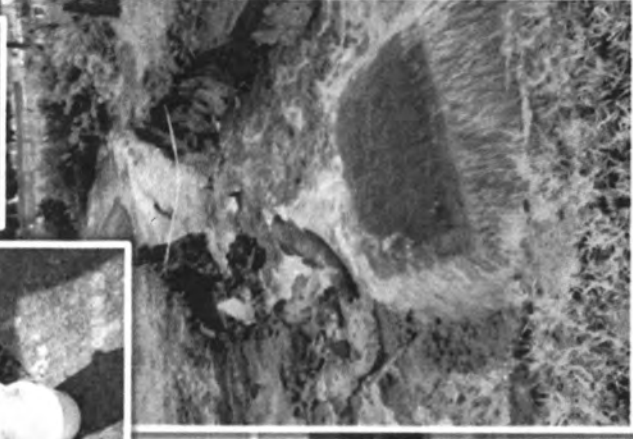
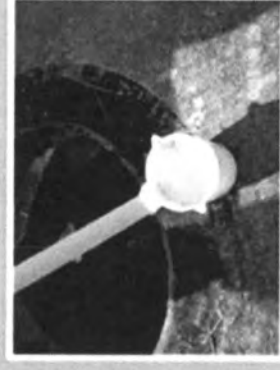
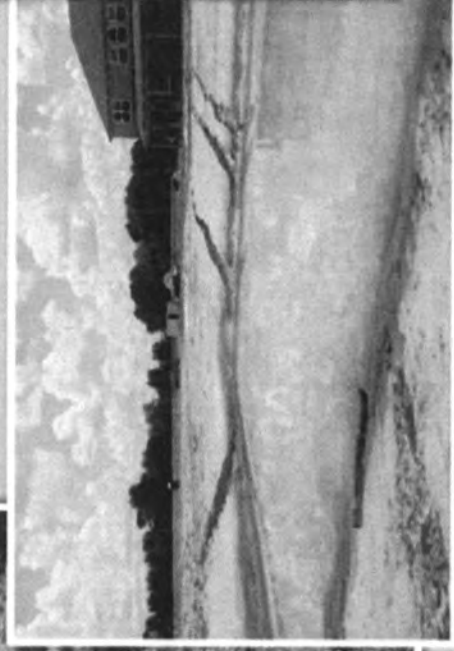


Controlling Erosion and Sedimentation

Best Management Practices

Outfalls & Stormwater Ponds

- Check for discharges off site or the MS4
- Turbidity, erosion, stabilization

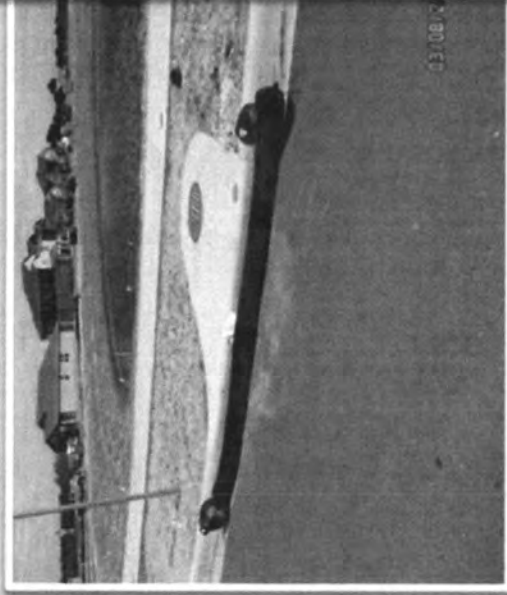
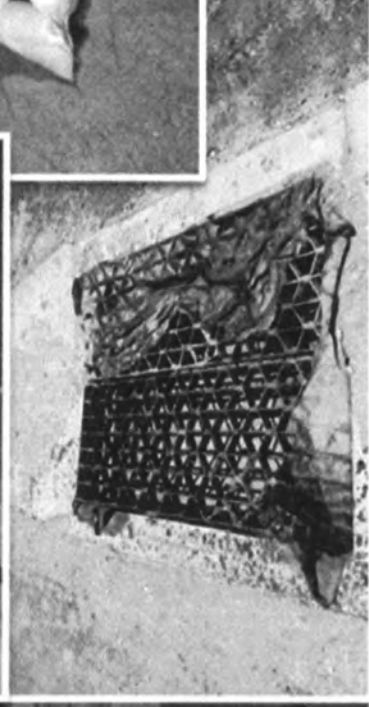


Controlling Erosion and Sedimentation

Best Management Practices

Inlet Protection

- Sock pipes are not preferred
- Filter fabric must go over grate
- Be maintained





Illinois Department of Transportation

Storm Water Pollution Prevention Plan Erosion Control Inspection Report

Date of Inspection:	_____	County:	_____
Name of Inspector:	_____	Section:	_____
Type of Inspection:	Weekly ☐	Route:	_____
>0.5" Precip. ☐	Precip. Amt: _____"	District:	_____
Contractor:	_____	Contract No.:	_____
Subs:	_____	Job No.:	_____
	_____	Project:	_____
NPDES/ESC Deficiency Deduction:	\$ _____	NPDES Permit No.:	_____
Total Disturbed Area:	_____ acre	Ready for Final Cover:	_____ acre
		Final Cover Established:	_____ acre

Erosion and Sediment Control Practices

Item # / BMP		YES	NO	N/A
1. Slopes:	Do all slopes and exposed areas where soil disturbing activities have temporarily or permanently ceased, and not permanently stabilized, have adequate temporary seed or other stabilization in accordance with the NPDES permitted 7 and 14 day rule?	☐	☐	☐
2. Ditches	Are all ditches (existing and temporary) clear of sediment and/or debris? Do all ditches have adequate stabilization and structural practices in place?	☐ ☐	☐ ☐	☐ ☐
3. Perimeter Erosion Barrier:	Are all perimeter erosion barriers in good working order? Has perimeter barrier no longer needed been removed and the area stabilized?	☐ ☐	☐ ☐	☐ ☐
4. Temporary Ditch Checks:	Are all temporary ditch checks in good working order? Are the current ditch checks adequate to control erosion?	☐ ☐	☐ ☐	☐ ☐
5. Temp Diversions/ Slope Drains:	Are all Temporary Diversions and Slope Drains functioning properly?	☐	☐	☐
6. Inlet Protection:	Are ALL inlet protection devices in good working order? Are ALL inlet filters less than 25% full and fabric unobstructed?	☐ ☐	☐ ☐	☐ ☐
7. Sediment Basins/Traps:	Are ALL sediment basins/traps in good working order? Does sufficient capacity exist for the design stormwater event?	☐ ☐	☐ ☐	☐ ☐
8. Areas of Interest – Wetland/Prairie/Tree Preservation:	Has the contractor remained clear of all designated "no entry" areas? Are all "no intrusion" areas adequately marked to prevent accidental entry?	☐ ☐	☐ ☐	☐ ☐
9. Stock Piles:	Are all stockpiles properly situated and maintained to prevent runoff and protected to minimize discharge of materials or residue in case of erosion?	☐	☐	☐
10. Borrow/Waste Sites:	Are all borrow and waste locations, including those located offsite, in compliance with NPDES requirements?	☐	☐	☐
11. Other Installations:	Are all other BMP installations shown in the plans properly functioning? (note in comments)	☐	☐	☐

General Site Maintenance Required of the Permit

12. Vehicle Tracking:	Is the site free from mud, sediment and debris from the vehicles entering/leaving off road areas throughout the site?	☐	☐	☐
	Are Stabilized Construction field entrances properly located?	☐	☐	☐
	Are Stabilized Construction field entrances in good working condition?	☐	☐	☐

Item # / BMP		YES	NO	N/A
13. Concrete Washout Areas:	Are concrete washout areas adequately signed and maintained? Has all washout occurred only at designated washout locations?	☐	☐	☐
14. Staging/Storage Areas:	Are all staging/storage facilities free of litter, leaking containers, leaking equipment, spills, etc?	☐	☐	☐
15. Fuel/Chemical Storage:	Are all fuels and chemicals stored only in designated locations? Are all designated locations free of evidence of leaks and or spills?	☐	☐	☐
16. Previous Inspection Follow Up:	Have all corrections from the last report been properly completed? If not, has a NPDES/ESC Deficiency Deduction been assessed?	☐	☐	☐
17. Update SWPPP:	Have all changes to the projects SWPPP been noted on the graphic site plan, signed and dated?	☐	☐	☐
18. Off-site Discharge of Sediment:	Has sediment or other pollutants of concern been released from the project site? If Yes, has the Illinois Environmental Protection Agency been notified within 24 hours of your observation of the discharge and an Incidence of Non-Compliance (ION) mailed within 5 days?	☐	☐	☐

Specific Instructions Related to "No" Answers From Above:

Item #	Station or Station to Station	Practice	Comments/Actions Required	Time for Repair

Other Comments:

Additional Pages (Attached As Needed)

☐ Outfalls / Receiving Waters Other: _____
☐ Drainage Structure/Ditch Check Locations _____
☐ Additional Instructions to Contractor _____

If the answer to any of Items 1-16 above is "No", the contractor is hereby ordered to correct the deficiency. Repairs and stabilization are to be completed within 24 hours of this report (or as indicated above) or the DAILY NPDES/ESC Deficiency Deduction will be assessed for each noted deficiency until the required action is completed.

Inspector's Signature _____ Date/Time: _____

Contractor's Signature _____ Date/Time: _____

Original: Project File
cc: Contractor

BMP Training

Post Construction Management



Stormwater Best Management Practice

General Construction Site Waste Management



Minimum Measure: Construction Site Stormwater Runoff Control
Subcategory: Good Housekeeping/Materials Management

Description

Construction staff manage and dispose of building materials and other construction site wastes to reduce the risk of pollution to stormwater. Practices such as trash disposal, recycling, proper material handling, and spill prevention and cleanup measures can reduce the potential for stormwater flow to mobilize construction site wastes and contaminate surface or ground water.

Applicability

Proper management and disposal of wastes will reduce pollution in stormwater discharge from any construction site. Good waste management practices include properly locating refuse piles, covering materials that stormwater discharges might displace, and preventing spills and leaks from hazardous materials.

Siting and Design Considerations

Waste management practices vary depending on the type of waste being managed, whether it is hazardous, and whether it might contaminate stormwater. Below are examples of management practices for different categories of construction site waste.

General Solid Wastes:

- Designate a waste collection area on-site that does not receive a substantial amount of stormwater flow from upland areas and does not drain directly to a waterbody.
- Ensure that containers have lids to cover them when it rains, or keep containers in a covered area whenever possible.
- Schedule waste collection to prevent the containers from overfilling.
- Clean up spills immediately. Use an absorbent material such as sawdust or cat litter to contain the spill.
- During the demolition phase of construction, provide extra containers and schedule more frequent pickups.
- Collect, remove and dispose of all construction site wastes at authorized disposal areas. Contact a local environmental agency to identify these disposal sites.



Construction waste should be collected in designated waste collection areas on-site, such as metal dumpsters.

Hazardous Materials and Wastes:

- For spills of hazardous materials, follow cleanup instructions on the package or, if applicable, the Safety Data Sheet.
- Consult with local waste management authorities about the requirements for disposing of hazardous materials.
- Never remove the original product label from the container—it contains important safety information. Follow the manufacturer's recommended method of disposal, which should appear on the label.
- Never mix excess products when disposing of them, unless the manufacturer specifically recommends doing so.
- For soils containing hazardous substances, consult with state or local solid waste regulatory agencies or private firms to ensure proper disposal. Some landfills might accept contaminated soils, but they require laboratory tests first.
- Construction staff often use sandblasting to remove paint and dirt from surfaces. This produces sandblasting grits—sand and paint and dirt particles. Sandblasting grits from older structures are hazardous, because they are more likely to contain lead-, cadmium- or chrome-based paints. To ensure

proper disposal of sandblasting grits, contract with a licensed waste management or transport and disposal firm.

Pesticides and Fertilizers:

- Follow all federal, state and local regulations that apply to the use, handling or disposal of pesticides and fertilizers.
- Do not handle the materials any more than necessary.
- Store pesticides and fertilizers in a dry, covered area.
- Construct berms or dikes to contain stored pesticides and fertilizers in case of spillage.
- Follow the application rates and methods specified on the product label.
- Have equipment and absorbent materials available in storage and application areas to contain and clean up any spills.

Petroleum Products:

- Store new and used petroleum products for vehicles in covered areas with berms or dikes in place to contain any spills.
- Immediately contain and clean up any spills with absorbent materials.
- Have equipment available in fuel storage areas and in vehicles to contain and clean up any spills.

Detergents:

- Detergents that contain phosphorus and nitrogen are common in wash water for cleaning vehicles. Excesses of these nutrients can be a major source of water pollution. Use detergents only as recommended and limit their use on the site. Do not dump wash water containing detergents into the storm drain system; direct it to a sanitary sewer or

capture and contain it for transport to a wastewater treatment plant for proper treatment.

Limitations

An effective waste management system requires training and signage to promote awareness of the hazards of improper storage, handling and disposal of wastes. Site superintendents should be aware of worker habits and inspect storage areas regularly. They may need to spend extra management time to ensure that all workers are following the proper procedures.

Maintenance Considerations

Construction staff should inspect storage and use areas and identify containers or equipment that could malfunction and cause leaks or spills. In addition, it is important for staff to check equipment and containers for leaks, corrosion, support or foundation failure, or other signs of deterioration, and test them for soundness. Construction staff should immediately repair or replace any defective containers.

Effectiveness

Waste management practices are effective only when all construction staff follow them consistently. In storage and use areas, site superintendents should post the guidelines for proper handling, storage and disposal of construction site wastes. In addition, site superintendents should ensure that workers receive training in these practices to ensure that everyone is knowledgeable enough to participate.

Cost Considerations

The costs associated with construction site waste management include purchasing and posting signs, increased management time for oversight, additional labor needed for special handling of wastes, transportation costs for waste hauling, and fees charged by disposal facilities to take the wastes.

Additional Information

Additional information on related practices and the Phase II MS4 program can be found at EPA's National Menu of Best Management Practices (BMPs) for Stormwater website

Disclaimer

This fact sheet is intended to be used for informational purposes only. These examples and references are not intended to be comprehensive and do not preclude the use of other technically sound practices. State or local requirements may apply.



Stormwater Phase II Final Rule

Post-Construction Runoff Control Minimum Control Measure

Stormwater Phase II Final Rule Fact Sheet Series

Overview

1.0 – Stormwater Phase II Final Rule: An Overview

Small MS4 Program

2.0 – Small MS4 Stormwater Program Overview

2.1 – Who's Covered? Designation and Waivers of Regulated Small MS4s

2.2 – Urbanized Areas: Definition and Description

Minimum Control Measures

2.3 – Public Education and Outreach

2.4 – Public Participation/Involvement

2.5 – Illicit Discharge Detection and Elimination

2.6 – Construction Site Runoff Control

2.7 – Post-Construction Runoff Control

2.8 – Pollution Prevention/Good Housekeeping

2.9 – Permitting and Reporting: The Process and Requirements

2.10 – Federal and State-Operated MS4s: Program Implementation

Construction Program

3.0 – Construction Program Overview

3.1 – Construction Rainfall Erosivity Waiver

Industrial "No Exposure"

4.0 – Conditional No Exposure Exclusion for Industrial Activity

This fact sheet profiles the Post-Construction Runoff Control minimum control measure, one of six measures that the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its stormwater management program in order to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit. This fact sheet outlines the Phase II Final Rule requirements for post-construction runoff control and offers some general guidance on how to satisfy those requirements. It is important to keep in mind that the small MS4 operator has a great deal of flexibility in choosing exactly how to satisfy the minimum control measure requirements.

Why Is The Control of Post-Construction Runoff Necessary?

Post-construction stormwater management in areas undergoing new development or redevelopment is necessary because runoff from these areas has been shown to significantly affect receiving waterbodies. Many studies indicate that prior planning and design for the minimization of pollutants in post-construction stormwater discharges is the most cost-effective approach to stormwater quality management.

There are generally two forms of substantial impacts of post-construction runoff. The first is caused by an increase in the type and quantity of pollutants in stormwater runoff. As runoff flows over areas altered by development, it picks up harmful sediment and chemicals such as oil and grease, pesticides, heavy metals, and nutrients (e.g., nitrogen and phosphorus). These pollutants often become suspended in runoff and are carried to receiving waters, such as lakes, ponds, and streams. Once deposited, these pollutants can enter the food chain through small aquatic life, eventually entering the tissues of fish and humans. The second kind of post-construction runoff impact occurs by increasing the quantity of water delivered to the waterbody during storms. Increased impervious surfaces (e.g., parking lots, driveways, and rooftops) interrupt the natural cycle of gradual percolation of water through vegetation and soil. Instead, water is collected from surfaces such as asphalt and concrete and routed to drainage systems where large volumes of runoff quickly flow to the nearest receiving water. The effects of this process include streambank scouring and downstream flooding, which often lead to a loss of aquatic life and damage to property.

What Is Required?

The Phase II Final Rule requires an operator of a regulated small MS4 to develop, implement, and enforce a program to reduce pollutants in post-construction runoff to their MS4 from new development and redevelopment projects that result in the land disturbance of greater than or equal to 1 acre. The small MS4 operator is required to:

- ☐ Develop and implement strategies which include a combination of structural and/or non-structural best management practices (BMPs);
- ☐ Have an ordinance or other regulatory mechanism requiring the implementation of post-construction runoff controls to the extent allowable under State, Tribal or local law;

- ☐ Ensure adequate long-term operation and maintenance of controls;
- ☐ Determine the appropriate best management practices and measurable goals for this minimum control measure.

What Is Considered a “Redevelopment” Project?

The Phase II Final Rule applies to “redevelopment” projects that alter the “footprint” of an existing site or building in such a way that there is a disturbance of equal to or greater than 1 acre of land. Redevelopment projects do not include such activities as exterior remodeling. Because redevelopment projects may have site constraints not found on new development sites, the Phase II Final Rule provides flexibility for implementing post-construction controls on redevelopment sites that consider these constraints.

What Are Some Guidelines for Developing and Implementing This Measure?

This section includes some non-structural and structural BMPs that could be used to satisfy the requirements of the post-construction runoff control minimum measure. It is important to recognize that many BMPs are climate-specific, and not all BMPs are appropriate in every geographic area. Because the requirements of this measure are closely tied to the requirements of the construction site runoff control minimum measure (see Fact Sheet 2.6), EPA recommends that small MS4 operators develop and implement these two measures in tandem.

☐ Non-Structural BMPs

- **Planning Procedures.** Runoff problems can be addressed efficiently with sound planning procedures. Local master plans, comprehensive plans, and zoning ordinances can promote improved water quality in many ways, such as guiding the growth of a community away from sensitive areas to areas that can support it without compromising water quality.
- **Site-Based BMPs.** These BMPs can include buffer strip and riparian zone preservation, minimization of disturbance and imperviousness, and maximization of open space.

☐ Structural BMPs

- **Stormwater Retention/Detention BMPs.** Retention or detention BMPs control stormwater by gathering runoff in wet ponds, dry basins, or multichamber catch basins and slowly releasing it to receiving waters or drainage systems. These practices can be designed to both control stormwater volume and settle out particulates for pollutant removal.

- **Infiltration BMPs.** Infiltration BMPs are designed to facilitate the percolation of runoff through the soil to ground water, and, thereby, result in reduced stormwater runoff quantity and reduced mobilization of pollutants. Examples include infiltration basins/trenches, dry wells, and porous pavement.

- **Vegetative BMPs.** Vegetative BMPs are landscaping features that, with optimal design and good soil conditions, remove pollutants, and facilitate percolation of runoff, thereby maintaining natural site hydrology, promoting healthier habitats, and increasing aesthetic appeal. Examples include grassy swales, filter strips, artificial wetlands, and rain gardens.

What Are Appropriate Measurable Goals?

Measurable goals, which are required for each minimum control measure, are intended to gauge permit compliance and program effectiveness. The measurable goals, as well as the BMPs, should reflect needs and characteristics of the operator and the area served by its small MS4. Furthermore, the measurable goals should be chosen using an integrated approach that fully addresses the requirements and intent of the minimum control measure.

EPA has developed a Measurable Goals Guidance for Phase II MS4s that is designed to help program managers comply with the requirement to develop measurable goals. The guidance presents an approach for MS4 operators to develop measurable goals as part of their stormwater management plan. For example, an MS4 program goal might be to reduce by 30 percent the road surface areas directly connected to storm sewer systems (using traditional curb and gutter infrastructure) in new developments and redevelopment areas over the course of the first permit term. Using “softer” stormwater conveyance approaches, such as grassy swales, will increase infiltration and decrease the volume and velocity of runoff leaving development sites. Progress toward the goal could be measured by tracking the linear feet of curb and gutter not installed in development projects that historically would have been used.

For Additional Information

Contacts

- ☞ U.S. EPA Office of Wastewater Management

<http://www.epa.gov/npdes/stormwater>

Phone: 202-564-9545

- ☞ Your NPDES Permitting Authority. Most States and Territories are authorized to administer the NPDES Program, except the following, for which EPA is the permitting authority:

Alaska	Guam
District of Columbia	Johnston Atoll
Idaho	Midway and Wake Islands
Massachusetts	Northern Mariana Islands
New Hampshire	Puerto Rico
New Mexico	Trust Territories
American Samoa	

- ☞ A list of names and telephone numbers for each EPA Region and State is located at <http://www.epa.gov/npdes/stormwater> (click on "Contacts").

Reference Documents

- ☞ EPA's Stormwater Web Site

<http://www.epa.gov/npdes/stormwater>

- Stormwater Phase II Final Rule Fact Sheet Series
- Stormwater Phase II Final Rule (64 FR 68722)
- National Menu of Best Management Practices for Stormwater Phase II
- Measurable Goals Guidance for Phase II Small MS4s
- Stormwater Case Studies
- And many others

- ☞ Other EPA Web sites

- Ordinance Database
www.epa.gov/owow/nps/ordinance
- Urban Nonpoint Source Guidance
www.epa.gov/owow/nps/urbanmm/index.html
- Low Impact Development Web site
www.epa.gov/owow/nps/lid

BMP Training
Operations (Good Housekeeping)

BEST MANAGEMENT PRACTICES

To Learn More

Visit us at: co.st-clair.il.us/stormwater

Or

Call us at 618-825-2531

WHAT ARE BEST MANAGEMENT PRACTICES?

Stormwater best management practices (BMPs) are techniques, measures or structural controls used to manage the quantity and improve the quality of stormwater runoff. The goal of BMPs is to mimic the natural way water moved through an area before development by using design techniques to infiltrate, evaporate, and reuse runoff close to its source. BMPs help reduce the amount of and improve the quality of stormwater runoff. Please preserve our streams by utilizing these BMPs.

QUICK FIXES

Rain barrels are an easy and inexpensive way to capture and store runoff falling from gutters. The stored water can later be used to water gardens and lawns. You can make your own barrels or purchase them locally with simple installation. Another easy fix is adding a rain garden to your property. This attractive BMP is effective in reducing the amount of runoff leaving your property. Rain gardens utilize native plants with deep roots to absorb runoff, filter pollutants and promote groundwater recharge. Even simple changes in habit can be a BMP. For example, using phosphate-free products when washing your car or fertilizing your lawn go a long way in reducing pollutants in stormwater runoff. Something as small as cleaning up after your pet and ensuring litter is properly disposed of can also help.

CONSTRUCTION SOLUTIONS

Some BMPs require more involvement, but should be considered when building or renovating homes. For example, green roofs are an excellent way to decrease the amount of runoff leaving your property. Green roofs not only utilize water where it falls, but help prevent urban heat islands. Green roofs are a more expensive upgrade to your property, but they save money on heating and cooling costs. They can also be constructed on flat and sloped surfaces. A permeable paver is another BMP used as an alternative to traditional concrete or asphalt paving. The pavers decrease runoff by allowing water to seep into cracks that are filled with an aggregate. Remember, anything you can do to reduce pollutants in St. Clair County streams helps everyone!

REMEMBER...

- Use permeable pavers instead of asphalt or concrete.
- Plant rain gardens using native species.
- Mix composts into lawns and gardens to use for fertilizer.
- Install rain barrels and use it to water your plants and lawn.
- Don't use your hose as a broom.
- Build green vegetated roofs.
- Keep your vehicle regularly maintained and free of leakage.
- Use phosphate-free products outdoors.
- Put litter in its place.
- Use alternative deicing methods on your driveway in the winter.
- Clean up animal waste.
- Properly dispose of grass clippings and leaves.
- Wash your car on the lawn.
- Report illicit discharge into sewers and streams.

Best Management Practices for Good Housekeeping

Follow these BMPs to control pollutant discharges. The objectives are: 1) to keep pollutants from contacting rain, and 2) to keep pollutants from being dumped or poured into the storm drains. The goal is "only rain in the storm drain."

Activities

Best Management Practices

- | | |
|----------------------------|---|
| Pavement Cleaning | <ul style="list-style-type: none">• Sweep parking lots and other paved areas periodically to remove debris. Dispose of debris in the garbage.• If outdoor pavement cleaning with detergent is required, collect wash water and dispose in indoor sinks or drains for discharge to the sanitary sewer. Contact your local wastewater treatment agency. |
| Litter Control | <ul style="list-style-type: none">• Provide an adequate number of trash receptacles for your customers and employees. This helps keep trash from overflowing the receptacles.• Pick up litter and other wastes daily from outside areas including storm drain inlet grates. |
| Waste Disposal* | <ul style="list-style-type: none">• Inspect dumpsters and other waste containers periodically. Repair or replace leaky dumpsters and containers.• Cover dumpsters and other waste containers.• Never dispose of waste products in storm drain inlets.• Recycle wastes or dispose properly. |
| Materials Storage* | <ul style="list-style-type: none">• Store materials such as grease, paints, detergents, metals, and raw materials in appropriate, labeled containers.• Make sure all outdoor storage containers have lids, and that the lids are adequately closed.• Store stockpiled materials inside a building, under a roof, or covered with a tarp to prevent contact with rain. |
| Training | <ul style="list-style-type: none">• Train employees regularly on good housekeeping practices.• Assign a person to be responsible for effective implementation of BMPs. |
| Equipment/Vehicle Cleaning | <ul style="list-style-type: none">• Maintain equipment and vehicles regularly. Check for and fix leaks.• Use drip pans to collect leaks or spills during maintenance activities.• Wash equipment/vehicles in a designated and/or covered area where the wash water is collected to be recycled or discharged to the sanitary sewer. Contact your local wastewater treatment agency. |

Some Facilities will require structural control BMPs if simpler operation ones are not adequate for keeping pollutant discharges from the storm drains.

* Hazardous materials must comply with hazardous materials storage and disposal requirements.

REFERENCES:

- California Industrial/Commercial Best Management Practice Handbook, March 1993
- City of Richmond Storm Water Management Program "Your Business and the City of Richmond Partners in Protecting the Bay", 1993
- Cities of Fremont, Newark, and Union City "Source Controls for Storm Water Pollution Prevention", October 1993
- ACU/RCWP "Restaurants" flyer, January 1994
- ACU/RCWP Best Management Practices for Industrial Storm Water Pollution Control, March 1994

Additional Community Activities-A

Public Works

Work Orders

County Work Order Spreadsheet March 2023 - February 2024

Date	Ditching	Debris	Open Drains	Stock-Pile CleanUp	Trash / Animals	Curb & Gutter	Culvert	Tire Pickup	Guardrail Cleanup	Street Sweeping	Fair- grounds Cleanup
							Repl. / Cleanup				
03/07/23	X	X									
03/08/23	X	X									
03/09/23	X										
03/10/23	X	X									
03/13/23	X										
03/14/23	X			X	X						
03/15/23	X			X							
03/16/23	X		X	X							
03/20/23	X	X									
03/21/23	X	X									
03/24/23		X				X					
03/25/23							X				
03/29/23	X										
03/30/23	X										
03/31/23	X										
04/03/23	X				X		X				
04/10/23	X										
04/20/23	X										
04/21/23	X										
04/24/23	X										
04/25/23	X										
04/27/23	X			X			X				
04/28/23	X			X							
05/01/23	X										
05/03/23		X									
05/10/23		X									
05/12/23		X									
05/16/23		X	X								
05/24/23									X		
05/25/23					X				X		
05/26/23									X		
05/30/23									X		
05/31/23					X				X		
06/05/23									X		
06/06/23									X		
06/08/23									X		
06/20/23									X		
06/21/23					X				X		
06/22/23					X				X		
06/23/23					X				X		
07/21/23			X			X					
08/03/23			X						X		
08/04/23						X					

[illegible]

[illegible]

EXHIBIT Additional Community Activities-B

Groups and Organizations



Illinois Society of Professional Engineers

Certificate of Professional Development

Presented to:

Norman Etling

Date: September 1, 2023

Topic: Illinois Court Cases Related to Drainage

Speaker(s): Dale Rasmussen, County Engineer - Stephen County Highway Department

&

Steve Judge, Attorney - Judge Law, LLC

PDHs Earned: 1.0 (ONE)

Provided by:

A handwritten signature in black ink that reads "Kim Robinson".

Kim Robinson, Executive Director

Illinois Society of Professional Engineers

100 East Washington Street

Springfield, IL 62701

217.544.7424



Illinois Society of Professional Engineers
Certificate of Professional Development

Presented to:

James Harms

Date: September 1, 2023

Topic: Illinois Court Cases Related to Drainage

Speaker(s): Dale Rasmussen, County Engineer - Stephen County Highway Department

&

Steve Judge, Attorney - Judge Law, LLC

PDHs Earned: 1.0 (ONE)

Provided by:

A handwritten signature in black ink, reading "Kim Robinson". The signature is written in a cursive, flowing style.

Kim Robinson, Executive Director

Illinois Society of Professional Engineers

100 East Washington Street

Springfield, IL 62701

217.544.7424



Illinois Society of Professional Engineers

Certificate of Professional Development

Presented to:

Randy Georgen

Date: September 1, 2023

Topic: Illinois Court Cases Related to Drainage

Speaker(s): Dale Rasmussen, County Engineer - Stephen County Highway Department

&

Steve Judge, Attorney - Judge Law, LLC

PDHs Earned: 1.0 (ONE)

Provided by:

A handwritten signature in black ink that reads 'Kim Robinson'. The signature is written in a cursive, flowing style.

Kim Robinson, Executive Director

Illinois Society of Professional Engineers

100 East Washington Street

Springfield, IL 62701

217.544.7424



IACE 109th Spring Conference, May 8-10, 2023
Professional Development Hours Completion Certificate

Norman Etking, received the below checked Professional Development Hours (PDH) for a maximum of (9.5) PDHs for attending the Illinois Association of County Engineers 109th Fall Conference held at the DoubleTree by Hilton Bloomington, Bloomington Illinois, May 8-10, 2023.

Attendee-please check each line for the session(s) you attended and write the sum of your PDH gained on the line below.

General Session: Thursday 9:00 a.m. - 5:00 p.m.

- ☒ Road Use Agreements, Klein, Thorpe and Jenkins, Ltd.
- ☒ Federal Highway Administration Update
- ☒ Illinois Department of Transportation Local Roads Update
- ☒ Illinois Department of Transportation Bridge Update
- ☒ Legislative Update, State Representative C.D. Davidsmeyer
- ☒ Ethics, Illinois Department of Transportation
- ☒ County Highway Liability Issues, Heyl, Royster, Voelker & Allen, P.C.
- ☒ Right of Way Plat Preparation, Sherrill & Associates
- ☒ Deploying ArcGIS Solutions for Roads & Highways, Cloudpoint Geospatial
- ☐ Bridge Bundling, WSP

Morning Speaker: Friday 8:00 a.m.

 National Association of County Engineers Update, President Jeff Blue

85 Total Professional Development Hours

Thank you for attending the 2023 109th IACE Spring Conference.

Michael Pedigo

Michael Pedigo
Mason County Engineer
Conference Planning Co-Chair

Conrad Moore

Conrad Moore
Woodford County Engineer
Conference Planning Co-Chair



IACE Fall Conference, October 5-6, 2023
Professional Development Hours Completion Certificate

NORMAN ETLING, received the below checked Professional Development Hours (PDH) for a maximum of (9.5) PDHs for attending the Illinois Association of County Engineers Fall Conference held at the Vibrant Arena, October 5-6, 2023.

Attendee-please check each line for the session(s) you attended and write the sum of your PDH gained on the line below.

General Session: Thursday 9:00 a.m. - 5:00 p.m.

- ☒ Illinois Department of Transportation Local Roads Update
- ☒ Federal Highway Administration Update
- ☒ Illinois Department of Transportation Bridge Update
- ☒ IDOT District 4 Chip Seal Manual
- ☒ The GEC Experience; From I-74 to I-39
- ☒ Illinois Department of Transportation Update
- ☒ IDFPR Rules
- ☒ Design Build
- ☒ State Floodplain Permitting System
- ☒ Cost-Effective Bridge Replacement and Rehabilitation Solutions

Morning Speaker: Friday 8:00 a.m.

____ National Association of County Engineers Update, President Jeff Blue & NACE
Executive Director Kevan Stone

7.5 Total Professional Development Hours

Thank you for attending the 2023 IACE Fall Conference.

Michael Pedigo

Michael Pedigo
Mason County Engineer
Conference Planning Co-Chair

Conrad Moore

Conrad Moore
Woodford County Engineer
Conference Planning Co-Chair

ASCE > FORWARD
FASTER

JOIN TODAY.

IT'S THE
FAST LANE
TO YOUR
BRIGHTEST
FUTURE.



EXHIBIT Additional Community Activities-C

Teklab Testing Results

February 28, 2023

Tony Schenk, P.E.
Gonzalez Companies, LLC
525 West Main Street, Suite 125
Belleville, IL 62220
TEL: (618) 222-2221
FAX:



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NPDES/Belleville

WorkOrder: 23021124

Dear Tony Schenk, P.E.:

TEKLAB, INC received 2 samples on 2/16/2023 1:18:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23021124

Client Project: NPDES/Belleville

Report Date: 28-Feb-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Gonzalez Companies, LLC

Work Order: 23021124

Client Project: NPDES/Belleville

Report Date: 28-Feb-23

Abbr Definition

- * Analytes on report marked with an asterisk are not NELAP accredited
- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
- DNI Did not ignite
- DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- NC Data is not acceptable for compliance purposes
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
- PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
- RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
- SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
- Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
- TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
- TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabin.com/>

Client: Gonzalez Companies, LLC

Work Order: 23021124

Client Project: NPDES/Belleville

Report Date: 28-Feb-23

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23021124

Client Project: NPDES/Belleville

Report Date: 28-Feb-23

Cooler Receipt Temp: 6.2 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenncr@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23021124

Client Project: NPDES/Belleville

Report Date: 28-Feb-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2023	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2023	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2023	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2023	Collinsville
Illinois	IDPH	17584		5/31/2023	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23021124

Client Project: NPDES/Belleville

Report Date: 28-Feb-23

Lab ID: 23021124-001

Client Sample ID: Richland

Matrix: AQUEOUS

Collection Date: 02/16/2023 9:58

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		12300	CFU/100ml	100	02/16/2023 14:50	R324929
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	02/22/2023 8:29	R325146
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		2.6	mg/L	1	02/22/2023 0:00	R325127
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.796	mg/L	1	02/21/2023 14:40	203023
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		42	mg/L	1	02/21/2023 15:11	R325072
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		105	mg/L	5	02/27/2023 10:14	R325333



Laboratory Results

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23021124

Client Project: NPDES/Belleville

Report Date: 28-Feb-23

Lab ID: 23021124-002

Client Sample ID: Stolberg

Matrix: AQUEOUS

Collection Date: 02/16/2023 10:14

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		1900	CFU/100ml	100	02/16/2023 14:50	R324929
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	02/22/2023 8:29	R325146
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		2.0	mg/L	1	02/22/2023 0:00	R325127
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.337	mg/L	1	02/21/2023 14:42	203023
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		105	mg/L	1	02/21/2023 15:11	R325072
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		108	mg/L	5	02/27/2023 10:22	R325333



Receiving Check List

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23021124

Client Project: NPDES/Belleville

Report Date: 28-Feb-23

Carrier: Jen Hale

Received By: ANC

Completed by:

Reviewed by:

On:

16-Feb-23

On:

16-Feb-23

Lindsey Maddox

Elizabeth A. Hurley

Pages to follow:

Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?
Type of thermal preservation?
Chain of custody present?
Chain of custody signed when relinquished and received?
Chain of custody agrees with sample labels?
Samples in proper container/bottle?
Sample containers intact?
Sufficient sample volume for indicated test?
All samples received within holding time?
Reported field parameters measured:
Container/Temp Blank temperature in compliance?

Yes ☒ No ☐
None ☐ Ice ☒
Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐
Field ☐ Lab ☐
Yes ☒ No ☐

Not Present ☐ Temp °C **6.2**
Blue Ice ☐ Dry Ice ☐

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - at least one vial per sample has zero headspace?
Water - TOX containers have zero headspace?
Water - pH acceptable upon receipt?
NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐ No ☐
Yes ☐ No ☐
Yes ☒ No ☐
Yes ☐ No ☐

No VOA vials ☒
No TOX containers ☒
NA ☐
NA ☒

Any No responses must be detailed below or on the COC.

pH strip #87147. - BSJ/lmaddox - 2/16/2023 2:27:52 PM

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - lmaddox - 2/16/2023 2:28:11 PM

pg. ____ of ____ Work order # 23021124

[illegible]

BottleOrder: 77307

BNP
↓

June 23, 2023

Tony Schenk, P.E.
Gonzalez Companies, LLC
525 West Main Street, Suite 125
Belleville, IL 62220
TEL: (618) 222-2221
FAX:



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NPDES/Belleville

WorkOrder: 23060630

Dear Tony Schenk, P.E.:

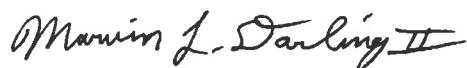
TEKLAB, INC received 2 samples on 6/8/2023 11:18:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23060630

Client Project: NPDES/Belleville

Report Date: 23-Jun-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Gonzalez Companies, LLC

Work Order: 23060630

Client Project: NPDES/Belleville

Report Date: 23-Jun-23

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23060630

Client Project: NPDES/Belleville

Report Date: 23-Jun-23

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23060630

Client Project: NPDES/Belleville

Report Date: 23-Jun-23

Cooler Receipt Temp: 3.4 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23060630

Client Project: NPDES/Belleville

Report Date: 23-Jun-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2023	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2023	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23060630

Client Project: NPDES/Belleville

Report Date: 23-Jun-23

Lab ID: 23060630-001

Client Sample ID: Richland

Matrix: AQUEOUS

Collection Date: 06/08/2023 8:39

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		>20000	CFU/100ml	100	06/08/2023 15:27	R330023
EPA 1664A								
Hexane Extractable Material	NELAP	6		7	mg/L	1	06/12/2023 8:33	R330181
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		2.2	mg/L	1	06/15/2023 0:00	R330295
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.487	mg/L	1	06/13/2023 11:56	207118
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		11	mg/L	1	06/13/2023 15:06	R330161
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		81	mg/L	5	06/22/2023 17:08	R330699



Laboratory Results

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23060630

Client Project: NPDES/Belleville

Report Date: 23-Jun-23

Lab ID: 23060630-002

Client Sample ID: Stolberg

Matrix: AQUEOUS

Collection Date: 06/08/2023 8:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		2800	CFU/100ml	100	06/08/2023 15:27	R330023
EPA 1664A								
Hexane Extractable Material	NELAP	5		9	mg/L	1	06/12/2023 8:33	R330181
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		1.6	mg/L	1	06/15/2023 0:00	R330295
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.176	mg/L	1	06/13/2023 12:34	207152
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		18	mg/L	1	06/13/2023 15:06	R330161
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		87	mg/L	5	06/22/2023 17:16	R330699



Receiving Check List

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23060630

Client Project: NPDES/Belleville

Report Date: 23-Jun-23

Carrier: Employee

Received By: CET

Completed by:

On:

08-Jun-23

Timothy W. Mathis

Reviewed by:

On:

08-Jun-23

Ellie Hopkins

Pages to follow: Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 3.4
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☐	No ☒		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☒	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☒
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☒
Water - pH acceptable upon receipt?	Yes ☒	No ☐	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☒

Any No responses must be detailed below or on the COC.

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - TMathis - 6/8/2023 1:36:06 PM

pH strip #88374. - LM/TMathis - 6/8/2023 1:36:14 PM

pg. _____ of _____ Work order # 23060630

[illegible]

BottleOrder: 80070



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September 28, 2023

Tony Schenk, P.E.
Gonzalez Companies, LLC
525 West Main Street, Suite 125
Belleville, IL 62220
TEL: (618) 222-2221
FAX:



Illinois	I00226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NPDES/Belleville

WorkOrder: 23091548

Dear Tony Schenk, P.E.:

TEKLAB, INC received 2 samples on 9/21/2023 12:13:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23091548

Client Project: NPDES/Belleville

Report Date: 28-Sep-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Gonzalez Companies, LLC

Work Order: 23091548

Client Project: NPDES/Belleville

Report Date: 28-Sep-23

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23091548

Client Project: NPDES/Belleville

Report Date: 28-Sep-23

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23091548

Client Project: NPDES/Belleville

Report Date: 28-Sep-23

Cooler Receipt Temp: 7.8 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23091548

Client Project: NPDES/Belleville

Report Date: 28-Sep-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Client: Gonzalez Companies, LLC

Work Order: 23091548

Client Project: NPDES/Belleville

Report Date: 28-Sep-23

Lab ID: 23091548-001

Client Sample ID: Richland

Matrix: AQUEOUS

Collection Date: 09/21/2023 9:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		>20000	CFU/100ml	100	09/21/2023 14:57	R336716
EPA 1664A								
Hexane Extractable Material	NELAP	6		41	mg/L	1	09/25/2023 9:56	R336890
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		2.0	mg/L	1	09/26/2023 0:00	R336860
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.414	mg/L	1	09/26/2023 13:00	212312
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		< 6	mg/L	1	09/26/2023 16:04	R336888
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		87	mg/L	5	09/22/2023 13:06	R336801



Laboratory Results

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23091548

Client Project: NPDES/Belleville

Report Date: 28-Sep-23

Lab ID: 23091548-002

Client Sample ID: Stolberg

Matrix: AQUEOUS

Collection Date: 09/21/2023 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		3700	CFU/100ml	100	09/21/2023 14:57	R336716
EPA 1664A								
Hexane Extractable Material	NELAP	5		6	mg/L	1	09/25/2023 9:55	R336890
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		< 1.0	mg/L	1	09/26/2023 0:00	R336860
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.176	mg/L	1	09/26/2023 13:02	212312
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		13	mg/L	1	09/26/2023 16:04	R336888
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		96	mg/L	5	09/22/2023 13:25	R336801



Receiving Check List

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23091548

Client Project: NPDES/Belleville

Report Date: 28-Sep-23

Carrier: Jon Mueth

Received By: MBP

Completed by:

On:

21-Sep-23

Timothy W. Mathis

Reviewed by:

On:

21-Sep-23

Ellie Hopkins

Pages to follow: Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 7.8
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☒	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☒
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☒
Water - pH acceptable upon receipt?	Yes ☒	No ☐	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☒

Any No responses must be detailed below or on the COC.

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - TMathis - 9/21/2023 2:26:06 PM

pH strip #90719. - LM/TMathis - 9/21/2023 2:26:10 PM

pg. ____ of ____ Work order # 23091548[illegible]

December 06, 2023

Tony Schenk, P.E.
Gonzalez Companies, LLC
525 West Main Street, Suite 125
Belleville, IL 62220
TEL: (618) 222-2221
FAX:



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NPDES/Belleville

WorkOrder: 23111667

Dear Tony Schenk, P.E.:

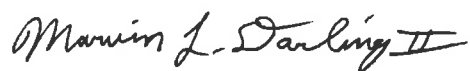
TEKLAB, INC received 2 samples on 11/21/2023 1:26:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com



Report Contents

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23111667

Client Project: NPDES/Belleville

Report Date: 06-Dec-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	9
Chain of Custody	Appended

Client: Gonzalez Companies, LLC

Work Order: 23111667

Client Project: NPDES/Belleville

Report Date: 06-Dec-23

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)



Definitions

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23111667

Client Project: NPDES/Belleville

Report Date: 06-Dec-23

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23111667

Client Project: NPDES/Belleville

Report Date: 06-Dec-23

Cooler Receipt Temp: 5.0 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515
Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23111667

Client Project: NPDES/Belleville

Report Date: 06-Dec-23

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2024	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2024	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2024	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23111667

Client Project: NPDES/Belleville

Report Date: 06-Dec-23

Lab ID: 23111667-001

Client Sample ID: Richland

Matrix: AQUEOUS

Collection Date: 11/21/2023 11:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		3500	CFU/100ml	100	11/21/2023 14:35	R339636
EPA 1664A								
Hexane Extractable Material	NELAP	6		7	mg/L	1	12/04/2023 13:56	R340099
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		2.0	mg/L	1	11/28/2023 0:00	R339742
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.530	mg/L	1	11/28/2023 13:58	215044
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		16	mg/L	1	11/27/2023 12:18	R339721
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		77	mg/L	5	11/29/2023 22:46	R339907

Laboratory Results

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23111667

Client Project: NPDES/Belleville

Report Date: 06-Dec-23

Lab ID: 23111667-002

Client Sample ID: Stolberg

Matrix: AQUEOUS

Collection Date: 11/21/2023 11:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		6800	CFU/100ml	100	11/21/2023 14:35	R339636
EPA 1664A								
Hexane Extractable Material	NELAP	6		11	mg/L	1	12/04/2023 13:56	R340099
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		1.1	mg/L	1	11/28/2023 0:00	R339742
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.247	mg/L	1	11/28/2023 14:01	215044
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		7	mg/L	1	11/27/2023 12:18	R339721
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		33	mg/L	5	11/29/2023 22:48	R339907



Receiving Check List

<http://www.teklabinc.com/>

Client: Gonzalez Companies, LLC

Work Order: 23111667

Client Project: NPDES/Belleville

Report Date: 06-Dec-23

Carrier: Employee

Received By: HJW

Completed by:

On:

21-Nov-23

Mary E. Kemp
Mary E Kemp

Reviewed by:

On:

21-Nov-23

Ellie Hopkins
Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 5.0
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☒	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - at least one vial per sample has zero headspace?	Yes ☐	No ☐	No VOA vials ☒
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☒
Water - pH acceptable upon receipt?	Yes ☒	No ☐	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☒

Any No responses must be detailed below or on the COC.

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - MaryKemp - 11/21/2023 2:00:47 PM

pH strip #90719. - MaryKemp - 11/21/2023 2:00:49 PM

pg. 1 of 1 Work order # 23111007

[illegible]

BottleOrder: 83623

