



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, 2024 To March, 2025

Permit No. ILR40 0412

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

Name: CITY OF O'FALLON Mailing Address 1: 255 SOUTH LINCOLN AVENUE
Mailing Address 2: County: St. Clair
City: O'FALLON State: IL Zip: 62269 Telephone: 618-624-4500 x 3
Contact Person: JEFF TAYLOR Email Address: jtaylor@ofallon.org (jnolan@ofallon.org)
(Person responsible for Annual Report)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION ST. CLAIR COUNTY
O'FALLON TOWNSHIP

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach | ☐ | 4. Construction Site Runoff Control | ☐ |
| 2. Public Participation/Involvement | ☐ | 5. Post-Construction Runoff Control | ☐ |
| 3. Illicit Discharge Detection & Elimination | ☐ | 6. Pollution Prevention/Good Housekeeping | ☐ |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

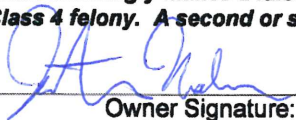
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

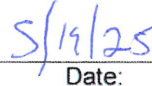
F. Attach a list of construction projects that your entity has paid for during the reporting period.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))


Owner Signature:

JONATHAN NOLAN

Printed Name:


Date:

CONSTRUCTION & FACILITIES MANAGER

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 2024-2025 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 2024-February 2025:

- 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 : City of O'Fallon

FOIA Officer for the reporting year:

Name: Misty McDonald

Title: Deputy City Clerk

Telephone Number: (618) 624-4500

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 on the City Website. The County has brochures available to residents at the front lobby of St. Clair County Highway Department. Educational topics include paint and related decor, lawn and garden care, illicit discharge ordinance compliance, and stormwater ordinances. The St. Clair County Stormwater 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.							
	☐	☒	An Earth Day Event was not held 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.

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-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 5th, June 4th, September 17th, and December 3rd, 2024. Annual reports were provided to communities in May 2024 and submitted to IEPA before June 1st, 2024. Meeting topics included: Annual Reporting, Data Collections, ILR40 Updates, Sediment & Erosion Control Training, Operations/Good Housekeeping Training, and Post-Construction Management Training. A representative from the City attended all Quarterly Meetings this reporting year.			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 for 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 City and County updated brochures and websites with County contact information for the reporting of stormwater issues. Any calls or emails are recorded and addressed.			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 Coordination- Participate in programs targeted at public awareness, including: Inlet Stenciling and Recycling							
Milestone for Reporting Year: St. Clair County continued to promote programs related to stormwater activities. Communities tracked participation.							
			The City and County will continue to promote programs related to stormwater activities and recycling. Multiple media outlets will be used to communicate with municipalities.			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 2024 through February 2025

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 1/27/25. The County held a public meeting to invite public input regarding MS4 Program on 1/13/25. No comments were received.	☒	☐	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 - The County currently has 100% of outfalls locations & names of receiving waters mapped.							
Milestone for Reporting Year: Co-Permittee member communities reviewed outfall maps and conducted stream observations annually at bridge inspections.							
	☒	☐	Co-Permittee communities reviewed their outfall maps for completeness and updated them, if necessary. The City currently has 99% of the outfall mapping complete and there are always additions or corrections being made.	☒	☐	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 85% of inlets marked using interns, employees and community service volunteers to install-maintain. Illicit Discharge Detection & Elimination Training was covered during the June 4, 2024 Quarterly Meeting. The City attended this 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 annual bridge inspections or stormwater sampling and take appropriate action if any illicit discharge is found.	☒	☐	Communities will continue to perform stream observations and address illicit discharge per the community ordinance.	Ongoing through 2021-2026 permit year.

COMMUNITY NAME:

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2024 through February 2025

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. C.9- Public Notification							
Milestone for Reporting Year: Community will update ordinance brochure.							
	☒		The City has developed a brochure addressing specific stormwater ordinance prohibited activities. Display Location: Code of Ordinances The County also has brochures. Display Location - SCCHD (front Lobby)	☒		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 17, 2024 Quarterly Meeting. The City attended this meeting.	☒		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 year. 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.

COMMUNITY NAME:

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2024 through February 2025

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. E.2- Regulatory Control Program							
Milestone for Reporting Year: Enforce County's Stormwater Ordinance							
	☒	☐	Communities will continue to enforce the County's 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 SWPPPs on site plans disturbing more than 1-acre of land. Post Construction Management Training was covered during the September 17, 2024 Quarterly Meeting. The City attended this 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 Operations Training for employees whose job impacts stormwater runoff.							
	☒	☐	Operations Training was covered during the December 3, 2024 Quarterly Meeting. The City attended this 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 enforce their stormwater ordinance and track changes made to the ordinance. The City had no changes this year. Document Location: City Hall, Public Works Facility	☒	☐	Communities will continue to enforce their stormwater ordinance.	Ongoing through 2021-2026 permit year.

COMMUNITY NAME: *City of O'Fallon*

PERMIT #: *ILR400412*

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2024 to March 2025

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 2024-2025 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 13, 2025. No comments were received. The County Engineer informed the committee of updates and reports. 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 SWPPPs on site plans disturbing more than 1-acre of land. Post Construction Management Training was covered during the September 17, 2024 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, 2024 and February 28, 2025 not listed in the *Notice of Intent* (NOI) submittal, but which address one of the six minimum control measures:

The City held an Electronics Recycling Event on April 27th and October 5th, 2024.

The City has a municipality Website and posts educational brochures, Annual Reports, the NOI and the Storm Water Hotline number.

The City participates in a year-round recycling program through Waste Management with resident pickup service every other week and seasonally collects Christmas trees. Large item pickup is also provided.

Four 25-cubic-yard dumpsters were used by the Street Department for trash pulled from road ditches and waterways. The dumpsters are located at the Public Works Compound and were emptied weekly.

The City provided two drop off locations for unwanted pharmaceuticals at CVS and the O'Fallon Public Safety Building.

The City is a member of the Gateway Chapter of the Illinois APWA and attends bi-monthly meetings.

The City graded 1,350 feet of ditches along 10 different locations along City streets.

The City spent 1,514.5 hours sweeping 5,319 miles of streets during the reporting year.

The City cleaned 140 catch basins during the reporting year.

The City planted 140 trees in City parks and Right of Way during this reporting year.

The City has one Certified Floodplain Manager (CFM) on staff.

St. Clair County Public Works - Work Order Spreadsheet - See Exhibit Additional Community Activities-A for details

St. Clair County Groups and Organizations - See Exhibit Additional Community Activities-B

Stormwater Sampling was tested at Ogles Creek, Old Collinsville Road and at Scott-Troy Road. Teklab, Inc. analyzed the samples and results are kept at the City. See Exhibit Additional Community Activities-C for Reports.

1st Quarter Sample Date: 3/26/24

2nd Quarter Sample Date: 4/10/24

3rd Quarter Sample Date: 7/10/24

4th Quarter Sample Date: 11/04/24

Circle which minimum control measure is addressed:

- | | |
|--|---|
| ☐ 1. Public Education & Outreach | ☐ 4. Construction Site Runoff |
| ☒ 2. Public Participation/Involvement | ☐ 5. Post-Construction Runoff Control |
| ☒ 3. Illicit Discharge Detection & Elimination | ☒ 6. Pollution Prevention/Good Housekeeping |

C. Reliance on Government Entities for Permit Obligations

Co-Permittee cooperation with the County

Cl. List of Construction Projects during 2024-2025 Reporting Year

Permit #	Project	Status
ILR10ZDLD	O'Fallon Community Park - Regional Trail	Active
ILR10ZE3K	O'Fallon Community Park - Pool Improvements	Active
ILR10ZE9P	O'Fallon Community Park Gym	Active
ILR10FEF0	Calvary Church	Active
ILR10ZEN7	O'Fallon Family Sports Bar-North Parking Exp.	Active
ILR10ZEO9	Bel-O Commercial Building	Active

EXHIBIT A.5-A

Education Materials for Schools



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

The amount of phosphorus in the grass clippings from mowing your lawn just once can produce up to **100 pounds** of unwanted algae if it ends up in our lakes and streams.

DID YOU KNOW

Just one pound of fertilizer can produce up to **34.2 pounds** of excess algae growth in streams and lakes.

DID YOU KNOW

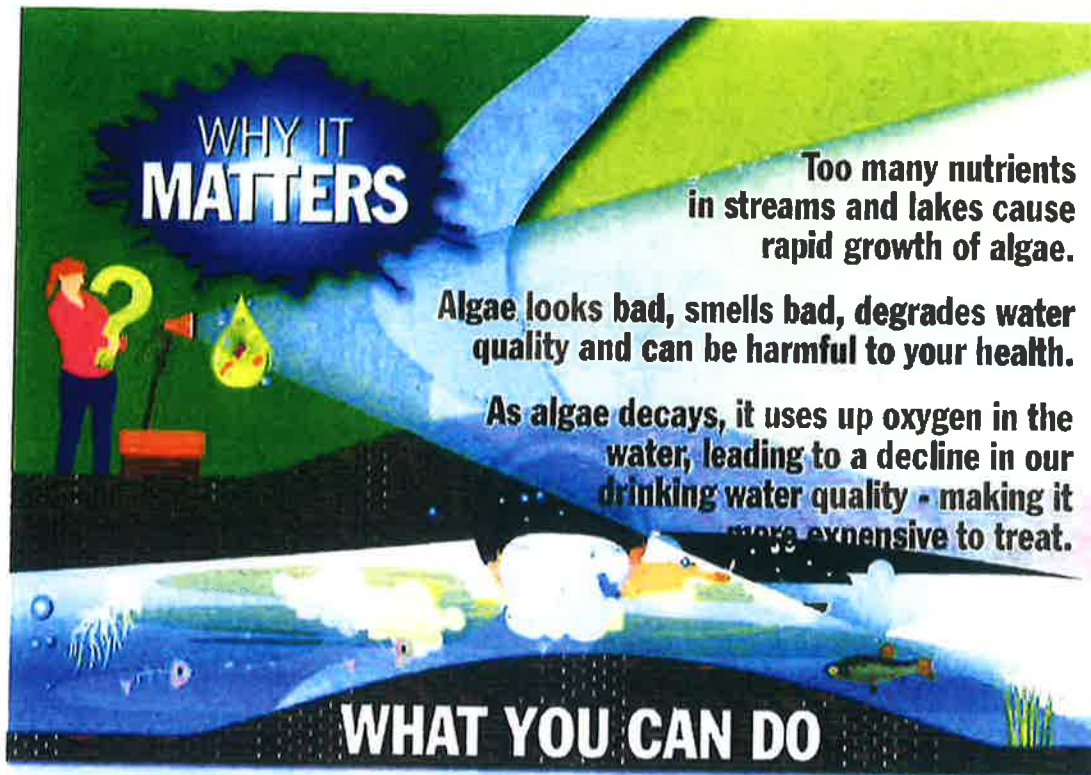
Just one pound of fertilizer over application on the average lawn can equate to **34.2 pounds** of excess algae growth in streams and lakes.

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

Household waste that ends up in the trash, like pet food, 300 million pounds of household waste is thrown away every year. That's a lot of waste that ends up in landfills, where it can pollute the ground and water.



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

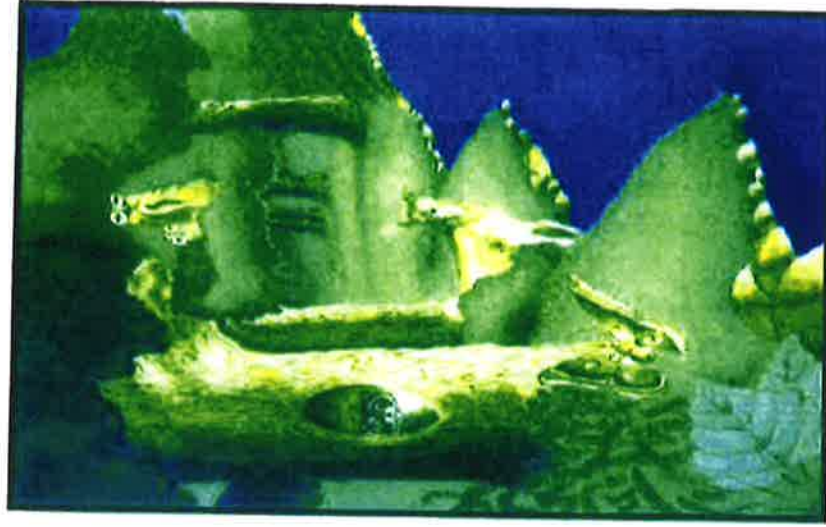
Belleville, IL 62220

(618) 233-7769



www.epa.gov

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



TAKE A DIP!

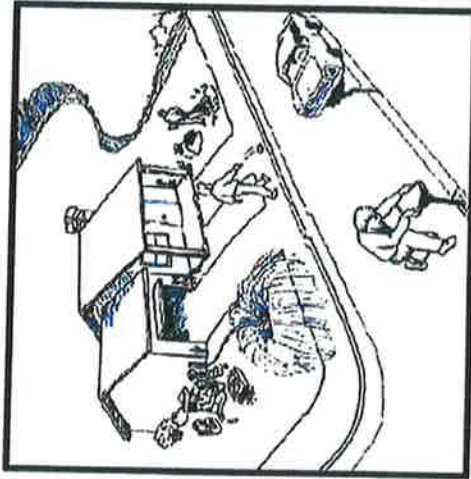


**STORMWATER POLLUTANTS
FIND THEIR WAY INTO WHERE
WE FISH, WHAT WE DRINK AND
WHERE WE SWIM.**

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/whatwrng.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.

While working with soil it keeps waterways from filling with sediment, which can clog them and make it difficult to clean them up. And that's bad for healthy good fish.



Tammy Mezo

From: Norm Etling <Norm.Etling@co.st-clair.il.us>
Sent: Monday, March 31, 2025 1:27 PM
To: Tammy Mezo
Cc: James Harms
Subject: RE: Earth Day - 2024

This Message is from an external sender.



Not in 2024 flyers were sent to all the schools by the Health Dept

From: Tammy Mezo <tmezo@gocos.net>
Sent: Monday, March 31, 2025 11:50 AM
To: Norm Etling <Norm.Etling@co.st-clair.il.us>
Subject: Earth Day - 2024

Was there an Earth Day this year?

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

EXHIBIT B.3-A

St. Clair County
2024 Quarterly Meeting Notices

St. Clair County MS4 Group

Quarterly Meeting Notice

**March 5, 2024
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 4, 2024
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.

Tammy Mezo, Administrative Assistant

St. Clair County MS4 Group

Quarterly Meeting Notice

September 17, 2024

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.

Tammy Mezo, Administrative Assistant

St. Clair County MS4 Group

Quarterly Meeting Notice

**December 3, 2024
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.
Tammy Mezo, Administrative Assistant
Brad Burnworth
Sarah Dorlac**

EXHIBIT B.3-B

St. Clair County
2024 Quarterly Meeting
Agendas

**St. Clair County MS4 Co-Permittee Group
Quarterly Meeting Agenda
March 5, 2024**

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
- ☐ IEPA Representative
 - Joe Stitely (joe.stitely@illinois.gov)
 - Dora Diekemper (dora.diekemper2@illinois.gov)
- ☐ Co-Permittee Group Representatives – First Meeting?

Open Discussion

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

Past Events

- ☐ December 5th Quarterly Meeting
 - Good Housekeeping / Operation and Maintenance
 - ☐ Presentation and Resources
 - ☐ Employee Training and Other Resources
 - Municipal Stormwater Management and Funding Opportunities

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

- ☐ Data Collection / Annual Reports
- ☐ Public Education and Outreach
- ☐ Public Involvement and Participation

Upcoming – Next Meeting Tuesday June 5th – 9:00 a.m.

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

St. Clair County MS4 Co-Permittee Group
Quarterly Meeting Agenda
June 4, 2024

Introductions

- ☐ Gonzalez Companies, LLC
 - Tony Schenk (tschenk@gocos.net) / (618) 222-2221 ext. 101
 - Tammy Mezo (tmezo@gocos.net) / (618) 222-2221 ext. 118
 - Brad Burnworth (bburnworth@gocos.net) / (618) 409-7482
 - Sarah Dorlac (sdorlac@gocos.net) / (314) 809-3343
- ☐ IEPA Representative
 - Dora Diekemper (dora.diekemper2@illinois.gov)
- ☐ Co-Permittee Group Representatives – First Meeting?

Open Discussion

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Upcoming MS4 Audits
- ☐ Data Collections / Annual Reports
- ☐ Other?

Past Events

- ☐ March 5th Quarterly Meeting
 - Public Involvement / Public Education and Outreach
 - ☐ Public Meeting Presentation
 - ☐ Public Education Brochures
 - Data Collections and Annual Reports

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

- ☐ Illicit Discharge Detection and Elimination – Brad Burnworth
- ☐ Stormwater Monitoring Plan / Stormwater Sampling – Tony Schenk

Upcoming – Next Meeting Tuesday September 17th – 9:00 a.m.

- ☐ Construction Site Runoff Control / Post-Construction Management

**St. Clair County MS4 Co-Permittee Group
Quarterly Meeting Agenda
September 17, 2024**

Introductions

- ☐ Gonzalez Companies, LLC
 - Tony Schenk (tschenk@gocos.net) / (618) 222-2221 ext. 101
 - Tammy Mezo (tmezo@gocos.net) / (618) 222-2221 ext. 118
 - Sarah Dorlac (sdorlac@gocos.net) / (314) 809-3343
- ☐ IEPA Representative
 - Dora Diekemper (dora.diekemper2@illinois.gov)
- ☐ Co-Permittee Group Representatives – First Meeting?

Open Discussion

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Upcoming MS4 Audits - Unknown
- ☐ Permit Updates - Unknown
- ☐ Others – Drain Markers

Past Events

- ☐ June 4th Quarterly Meeting
 - ☐ Illicit Discharge Detection and Elimination
 - ☐ Wet/Dry Weather Screen Forms
 - ☐ Stormwater Monitoring Plan / Stormwater Sampling
 - ☐ Example Monitoring Plan
 - ☐ Discussion on Results from Testing Lab

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

- ☐ Construction Site Runoff Control – Sarah Dorlac
- ☐ Post-Construction Management / Climate Change – Tony Schenk

Upcoming – Next Meeting Tuesday December 3rd – 9:00 a.m.

- ☐ Good Housekeeping BMP's / Operation and Maintenance

St. Clair County MS4 Co-Permittee Group Quarterly Meeting Agenda

December 3, 2024

Introductions

- ☐ Gonzalez Companies, LLC
 - Tony Schenk (tschenk@gocos.net) / (618) 222-2221 ext. 101
 - Tammy Mezo (tmezo@gocos.net) / (618) 222-2221 ext. 118
 - Brad Burnworth (bburnworth@gocos.net) / (618) 409-7482
- ☐ IEPA Representative
 - Dora Diekemper (dora.diekemper2@illinois.gov)
- ☐ Co-Permittee Group Representatives – First Meeting?

Open Discussion

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Upcoming MS4 Audits – IEPA Driven
- ☐ Permit Renewal – Unknown / Website Indicates - March 2024
- ☐ 2025 Meeting Schedule / Contract Renewal

Past Events

- ☐ September 17th Quarterly Meeting
 - ☐ Construction Site Runoff Control
 - ☐ Training Opportunities
 - ☐ Resources for Site Inspections
 - ☐ Post Construction Management / Climate Change
 - ☐ ILR10 Permit Requirements – Annual Training
 - ☐ Discussion on Climate Change & Effects on MS4 Municipalities
 - ☐ EPA Programs and 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 - (September)
- ☐ Post-Construction Management – Annual Training - (September)
- ☐ Good Housekeeping / Operation and Maintenance – Annual Training – (December)

Presentation and Resources

- ☐ Good Housekeeping – Brad Burnworth
- ☐ Audit Preparation – Tony Schenk

Upcoming – Next Meeting Tuesday March 4th – 9:00 a.m.

- ☐ Program Year in Review
- ☐ Data Collections and Annual Reports

EXHIBIT B.3-C

St. Clair County
2024 Quarterly Meeting Sign-In
Sheets



Gonzalez Companies, LLC
Engineering – Construction Management

www.gonzalezcos.com

MEETING SIGN-IN SHEET

ST. CLAIR COUNTY MS4

21-1034.000

MS4 QUARTERLY MEETING

MARCH 5, 2024

Name	Municipality	Title	Email Changes or New	Cell Phone #
1 Cody Turner	Lebanon IL	Sup		
2 Adam Engel	Lebanon IL	operator		
3 KEVIN BERKEMANN	LEBANON IL	FOREMAN		
4 MARK DOWNS	O'Fallon Road Dist	Commissioner		
5 Gary Tohne	O'FALLON Road DIST	Operator		
6 Brandon Downs	O'Fallon Road Dist			
7 Alex Kurla	O'FALLON ROAD DISTRICT			
8 Bobby Ginter	O'Fallon Road District	Foreman / operator		
9 Tom Quirk	City of Fairview Heights			
10 Josh Vandever	Village of Sargeant	Supervisor		
11 James Harris	S.C.C.H. D.			
12 NARIN	"	ENGINEER		

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

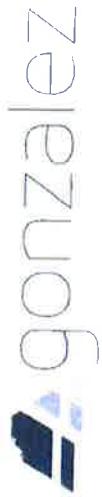


Gonzalez Companies, LLC
Engineering – Construction Management

www.gonzalezcos.com

Name	Municipality	Title	Email Changes or New	Cell Phone #
13 Dora Dickemper	Madison IEPA	Environmental Protection Engr.	Dora.Dickemper2@illinois.gov	618-929-0313
14 Sue Guberman	St. Clair Township	Accountant		
15 Sean Schneider	Village of Shiloh	Director of Building/zoning		
16 Scott Saeger	City of Belleville	Engineer	SSaeger@belleville,mo	
17 Jason Bole	City of Belleville	Director of PW	JBole@belleville,mo	
18 Chris Ethling	Shiloh	Director of PW	Cethling@shiloh,il.org	
19 Jon Nolan	City of O'Fallon	Project Manager		
20 Tam Ahrens	City of Columbia	Assistant City Engineer		
21 Randy Bole	Village of Dupo			
22 Robert Trentman	St. Clair Twp	Rd Commish		
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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

JUNE 4, 2024

Name	Municipality	Title	Email Changes or New	Cell Phone #
1 ✓ Tim Ahrens	CITY OF CUMBERA	ASSISTANT CITY ENG.		
2 ✓ Tom Quirk	CITY OF FALLON HEIGHTS	CITY ENGINEER		
3 Sue Gruberman	St. Clair Township	Accountant		
4 James Harris	St. Clair County			
5 ✓ NOE M	"			
6 ✓ Bobby Gunkel	O'Fallon Township	Former Laborer		
7 ✓ Alex King	O'Fallon Twp	LABORER		
8 ✓ Mark Downs	O'Fallon Road	Commissioner		
9 ✓ Brandon Downs	O'Fallon Road	laborer		
10 ✓ Philip J. C. C. C.	VILLAGE CARMEL			
11 ✓ Mark H. H. H. H.	Salem Township			
12 ✓ Chris Ethling	Shiloh	Dir. of Public Works		

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Gonzalez Companies, LLC
Engineering - Construction Management

www.gonzalezcos.com

Name	Municipality	Title	Email Changes or New	Cell Phone #
13 ✓ Don Nolan	City of O'Fallon	Consto Facilities Manager		
14 Doris Dickemper	IEPA	FDS	Doris Dickemper 20 Illinois 618-929-0315	
15 Don Poole	City of Belleville	Dir. of P.W.		618-772-1122
16 Sarah Porlic	Gonzalez			
17 Tony Schenk	Gonzalez			
18 Tammy Meze	Gonzalez			
19 Brad Burnworth	Gonzalez			
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Gonzalez Companies, LLC
Engineering – Construction Management

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MEETING SIGN-IN SHEET

ST. CLAIR COUNTY MS4

21-1034.000

MS4 QUARTERLY MEETING

SEPTEMBER 17, 2024

Name	Municipality	Title	Email Changes or New	Cell Phone #
1 Cody Terry	Lebanon	Street Dept		
2 Adam Engel	Lebanon	Street Dept		
3 KENT KOHLBRECHER	LEBANON	STREET & DEPT		
4 KEVIN BERKEMANN	LEBANON	STREET DEPT		
5 Josh Vandevet	Sauget	Supervisor		
6 Sue Gruberman	St. Clair Township	Accountant		
7 Randy Bolle	Vic of Dyke	Asst. Supt		
8 Chris Davis	Strook Township	Street Dept.		
9 David May ^{NW}	Caseyville Township	Foreman	Dmny1223@gmail.com	
10 John Haker	Fairview Hts	Dir. of P.W.		
11 Jon Nolan	O'Fallon	Const. Facilities Mgr		
12 Chris Smith	Columbia	City Engineer		

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Gonzalez Companies, LLC
Engineering – Construction Management

www.gonzalezcos.com

Name	Municipality	Title	Email Changes or New	Cell Phone #
13 Tim Ahrens	CITY OF COLUMBIA	ASSISTANT CITY ENGINEER		
14 James Harris	St. Clair County			
15 NORM				
16 Alex King	O'Fallon TWP			
17 Brandon Downs	O'Fallon TWP			
18 MARK DOWNS	O'Fallon Road Dist			
19 Scott Saeger	City of Belleville	City Engineer		
20 Tarrun Ivory	City of Belleville	Project Technician		
21 Chris Etling	Shiloh	Dir of PW		
22 Jason R Foster	Belleville			
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MEETING SIGN-IN SHEET

ST. CLAIR COUNTY MS4

21-1034.000

MS4 QUARTERLY MEETING

DECEMBER 3, 2024

Name	Municipality	Title	Email Changes or New	Cell Phone #
1 David Treiman	St. Clair Township	Laborer	treiman.john13@gmail.com	618-604-8742
2 Sue Gruberman	St. Clair Township	Accountant	---	618-616-4040
3 Bob Trentman	11	Road Comish	---	618-660-3639
4 Tom Quirk	FAIRVIEW HEIGHTS	CITY Engineer	---	618-444-2739
5 Craig Maue	Belleville	Assistant Director	cmare@belleverille.net	618-920-5834
6 Al Brooks	E. St. Louis	Pump Station Monitor	albrooks560@yahoo.com	314-373-9861
7 Josh Vandevet	Sageat	Supervisor	---	618-779-0462
8 James Harris	S.C.C.	---	---	---
9 Kevin Berkehaman	CITY OF LEDARON	FOREMAN	---	618-401-8099
10 Kent Kongrecker	CITY OF LEDARON	STREETS	---	618-402-7981
11 Chris Smith	City of Glenview	---	---	---
12 NUREM	ST. CLAIR CO	Engineer	---	---



Gonzalez Companies, LLC
Engineering – Construction Management

www.gonzalezcos.com

Name	Municipality	Title	Email Changes or New	Cell Phone #
13 Don Nolan	City of O'Fallon			
14 Mark Downs	O'Fallon Road Dist.			
15 Bobby Ginter	O'Fallon Road Dist.			
16 Brandon Downs	O'Fallon Road Dist.			
17 Alex Kutz	O'Fallon RD DIST			
18 Kris Elting	Shiloh			
19 Tim Ahrens	CITY OF COLUMBIA			
20 MARIETY CRAWFORD	CENTREVILLE TOWNSHIP			
21 Doreen Allen	City of E. St. Louis			
22 Dora Dickemper	IEPA			
23 Susan Phillips	IEPA			
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EXHIBIT B.3-D

**2024 Quarterly Meeting
Attendance Certificates**



Certificate of Attendance

Jon Nolan Participated in:

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

Presented by
Tony Schenk

1 PDH is awarded for participation

March 5, 2024



Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Attendance / Completion

Jon Nolan, City of O'Fallon
Name

"Illicit Discharge Detection and Elimination"

1 PDH is awarded for participation

June 4, 2024



Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Attendance / Completion

Jon Nolan, City of O'Fallon

Name

"Post Construction Management /
Construction Site Runoff Control"

1 PDH is awarded for participation

September 17, 2024

Tony Schenk
Project Manager
Gonzalez Companies, LLC



Certificate of Attendance / Completion

Jon Nolan, City of O'Fallon

Name

“Good Housekeeping /
Operation and Maintenance”

1 PDH is awarded for participation

December 3, 2024



Tony Schenk
Project Manager
Gonzalez Companies, LLC

EXHIBIT B.6-A

**St. Clair County
Promoted Programs /
Public Awareness**



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

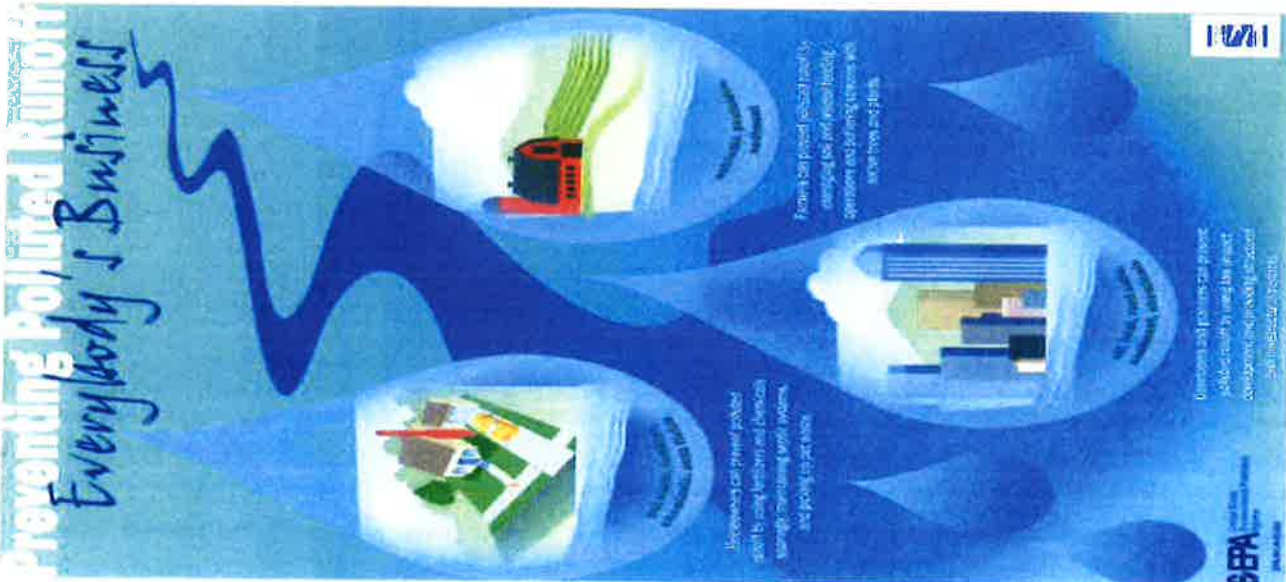
Rain washes oil, fertilizer
and other pollutants
into storm drains...



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.





stop someone from ripping you off

You many 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.



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

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 RESIDENT STORMWATER GUIDE

Seven Simple Steps to Clean Water



Our Water. Our Future. Ours to Protect.



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



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.

Just insects? Use anti-bait instead of poisonous spray.

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.

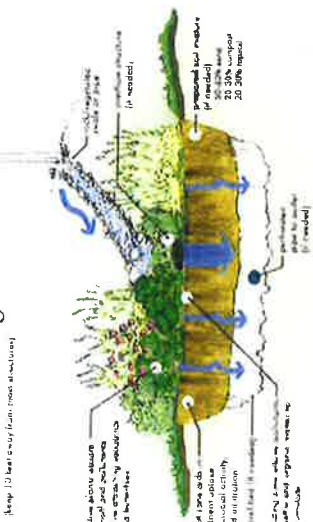
PLANT
MORE
PLANTS



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



residential rain garden



ST. CLAIR
COUNTY



ST. CLAIR
COUNTY

STORMWATER MANAGEMENT

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

BEST MANAGEMENT PRACTICES

618-825-2531

stormwater@co.st-clair.il.us

co.st-clair.il.us/stormwater

A riparian landowner

owns property adjacent to

a lake or stream. The

shoreline of a lake or

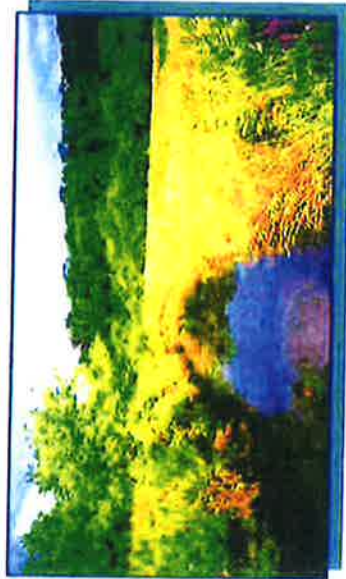
stream and the immediate

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.



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.conserve-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.ill-nps.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 (LCSMCG).**

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**.



STORMWATER MANAGEMENT COMMISSION

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

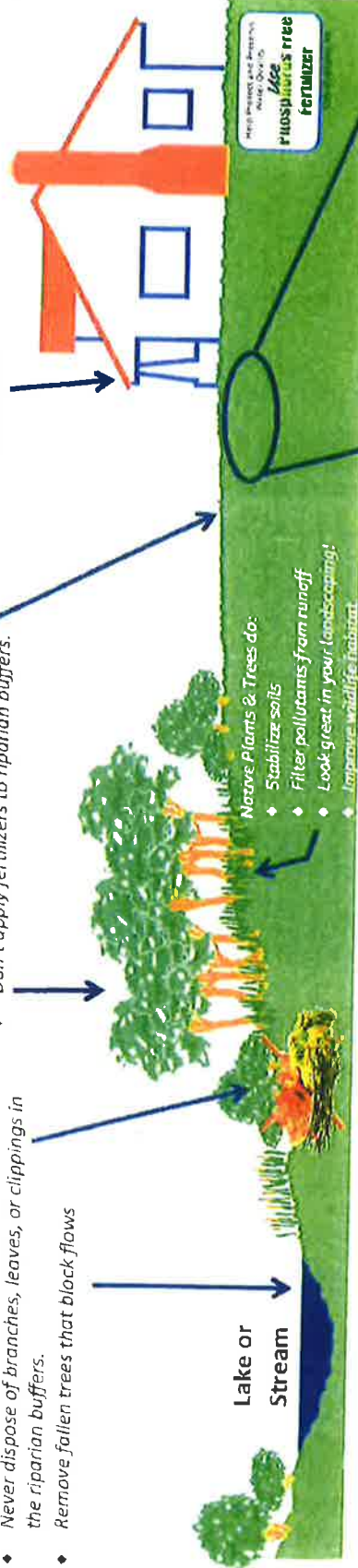
One of the largest problems in Lake County streams and lakes is high amount of nutrients, which produce excessive growth of algae and other undesirable aquatic plants.

- ◆ 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



Lake or Stream

Native Plants & Trees do:

- ◆ Stabilize soils
- ◆ Filter pollutants from runoff
- ◆ Look great in your landscaping!
- ◆ Improve wildlife habitat

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, Waukegan, Wisconsin, 2010.



HELP YOUR WATERSHED!

"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



ST. CLAIR
COUNTY

STORMWATER MANAGEMENT

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!



ST. CLAIR COUNTY

co.st-clair.il.us/stormwater



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

Leo Dumstorff, DDS

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 2, 2024

RE: LOCAL GOVERNMENT ONLY Used Tire Collection 2024

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 17, 2024 and Wednesday, September 18, 2024 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:

Gary Gasawski
St. Clair County Health Dept.
618-825-4452 office
Gary.Gasawski@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



Tammy Mezo

From: Norm Etling <Norm.Etling@co.st-clair.il.us>
Sent: Wednesday, September 18, 2024 2:59 PM
To: Tammy Mezo
Cc: Cheri M. Weaver
Subject: FW: Tires to recycle 9-17 and 9-18-2024



From: Michael Suarez <michaelsuarez30@yahoo.com>
Sent: Wednesday, September 18, 2024 2:54 PM
To: Norm Etling <Norm.Etling@co.st-clair.il.us>
Subject: Tires

We had 27 tandems loads of tires yesterday and today.

Michael

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

Waste Management Clean Sweep Tickets - Total to Date 443.12

March - May 2024

June - September 2024

Oct. 2024 - Feb. 2025

[illegible]

Ticket #	Date	Tons
1999575	06/03/24	7.24
1999964	06/04/24	7.80
2000614	06/06/24	4.85
2001429	06/11/24	8.32
2003030	06/18/24	8.31
2003675	06/20/24	5.61
2004774	06/25/24	5.37
2005105	06/26/24	1.77
2007148	07/08/24	3.44
2008585	07/15/24	7.27
2009140	07/17/24	6.11
2009353	07/18/24	5.74
2009983	07/22/24	4.05
2010990	07/25/24	3.31
2011791	07/29/24	7.61
2012083	07/30/24	7.50
2012338	07/31/24	3.40
2013363	08/05/24	7.04
2013643	08/06/24	7.50
2014126	08/08/24	3.32
2015087	08/13/24	7.14
2015506	08/14/24	0.97
2016688	08/19/24	4.86
2017008	08/20/24	5.82
2019498	08/28/24	5.79
2021445	09/05/24	5.30
2022870	09/11/24	4.58
2023883	09/16/24	6.96
2024180	09/17/24	6.40
2024713	09/19/24	3.95
2025466	09/23/24	7.03
2025674	09/24/24	5.00
2026039	09/25/24	6.11
TOTAL		185.47

[illegible]

Tammy Mezo

From: Norm Etling <Norm.Etling@co.st-clair.il.us>
Sent: Tuesday, May 7, 2024 8:51 AM
To: Tammy Mezo
Cc: James Harms
Subject: FW: FW: Emergency Storm Clean up Assistance 4-19-2024, 5-6-2024

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



Good Morning,

Storm damage clean up in Fairmont City 4-23, 4-24, 4-26 and 4-27

From: Roger Juenger <rjuenger@fairmontcityil.com>
Sent: Tuesday, May 07, 2024 8:41 AM
To: Norm Etling <Norm.Etling@co.st-clair.il.us>
Cc: James Harms <James.Harms@co.st-clair.il.us>
Subject: Re: FW: Emergency Storm Clean up Assistance 4-19-2024, 5-6-2024

Good morning Norm attached her photos per your request thank you for all of your help cleaning our town up. I guess your gentleman that came down here to assist us took between 25 and 30 loads of limbs away.

Thank You

Roger

EXHIBIT B.7-A

**St. Clair County
Public Meeting Agenda**

TRANSPORTATION COMMITTEE
Minutes Monday January 13, 2025
4:00 PM Highway Office
1415 North Belt West
Conference Room

Members in Attendance

Rich Vernier, Chairperson
Marty Crawford, Asst. Chairperson
Engineer
Robert Allen
Michael O'Donnell
Robert Trentman
Harry Hollingsworth
Roy Mosley, Jr.

GUEST

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

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

Mr. Mosley made a motion seconded by Mr. Hollinsworth for the approval of minutes from the 12-2-2024 meeting.

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

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

Discussion Item 1) MS4 program and status discussion. Information and status was given by the County Engineer.

Ordinance

Mosley

A) Ordinance altering the Maximum Speed Limit throughout the Country Crossing Subdivision to 25 miles per hour. Mr.

made a motion seconded by Mr. O'Donnell to approve. All members voted aye.

Resolutions:

- A) Resolution authorizing the furnishing of aggregate materials per the unit price material quotations received 1-7-2025; Section 25-00000-00-GM. Mr. O'Donnell made a motion seconded by Mr. Allen to approve. All members present voted aye.
- B) Resolution authorizing the award to repair the bridge which carries Bowler Road over Ogles Creek in O'Fallon Road District to the low bidder, Lake Contracting Incorporated in the amount of \$99,977.00; Section 24-15104-02-BR. Mr. Mosley made a motion seconded by Mr. Allen to approve. All members voted aye.
- C) Resolution authorizing the award to furnish and apply bituminous road oil materials to the low bidder, Piasa Road Oil, LLC in the amount of \$1,44,845.0; Section 25-(1-9)000-00-GM. Mr. O'Donnell made a motion seconded by Mr. Mosley to approve. All members present voted aye.
- D) Resolution authorizing the furnishing of bituminous materials per the unit price material quotations received 1-7-2025; Section 25-00000-00-GM. Mr. O'Donnell made a motion seconded by Mr. Mosley to approve. All members present voted aye.
- E) Resolution authorizing a contract with Hanks Excavating in the amount of \$19,425.00 to replace a deteriorated culvert on State Street. Mr. Mosley made a motion seconded by Mr. Allen to approve. All members present voted aye.
- F) Resolution authorizing an agreement with the City of Fairview Heights related to the STP grant application to improve Ashland Avenue in the City of Fairview Heights. Mr. Mosley made a motion seconded by Mr. O'Donnell to approve. All members present voted aye.
- G) Resolution authorizing an agreement with the Village of Shiloh related to improvements on Maple Street in Shiloh. Mr. Mosley made a motion seconded by Mr. Allen to approve. All members present voted aye.
- H) Resolution authorizing the purchase of metal culverts at the low bidder unit price; Section 25-00000-00-GM. Mr. Trentman made a motion seconded by Mr. Mosley to approve. All members present voted aye.
- I) Resolution authoring the purchase of a 2024 Ford F250 Crew Cab 4X4 in the amount of \$55,500.00. Section 25-0000-00-EQ. Mr. Mosley made a motion seconded by Mr. Allen to approve. All members present voted aye.

- J) Resolution authorizing a contract with Gonzalez Companies LLC for professional services relative to the MS4 Program in the base amount \$1800.00 plus costs per sampling. Mr. Mosley made a motion seconded by Mr. Hollinsworth to approve. All members present voted aye.

Engineer's Report

Pre-Con for the Frank Scott Parkway Extension 1-9-2025.

Resolution reached for number of lanes on Greenmount Bridge south of FSP.

Public involvement Meeting on the northerly portion of Greenmount widening 12-3-2024. Comments received.

Public involvement Meeting for the FSP infill I project 1-18-2024; comments received.

Joint Agreement for the intersection improvement to Ashland and Old Collinsville Road in for review.

Skid reimbursement received from clean sweep.

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

The Asst. Chairperson asked if there was any Old Business: None presented.

The Asst. Chairperson asked if there was any New Business: None presented.

ACTION ITEM

Mr. Mosley made a motion seconded by Mr. Allen to go into Executive Session to discuss personnel. All members present voted aye.

Following return to regular session Mr. Allen made a motion seconded by Mr. Hollingsworth to approve what was discussed in Executive Session.

All members present voted aye.

Adjournment

Mr. Mosley made a motion seconded by Mr. Allen to adjourn. All members present voted aye.

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

EXHIBIT D.2-A

BMP Training

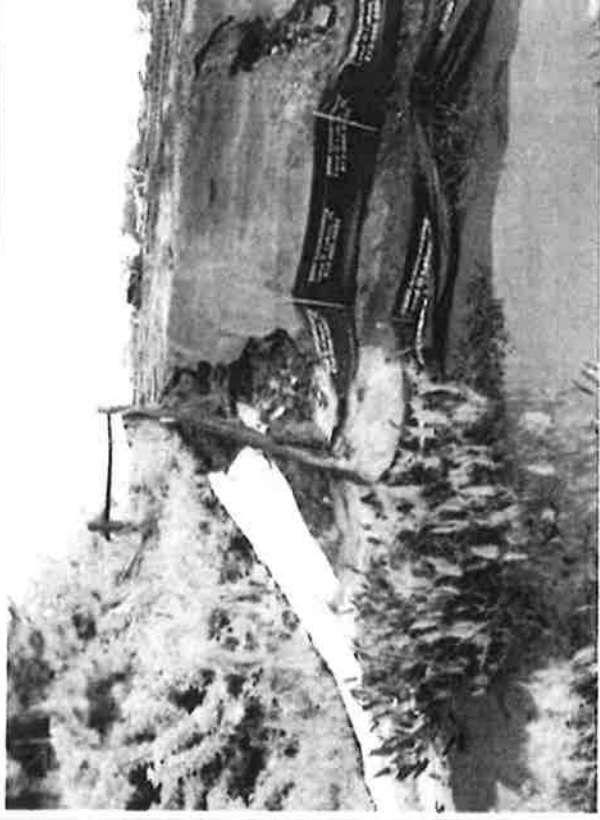
Erosion & Sediment Control

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

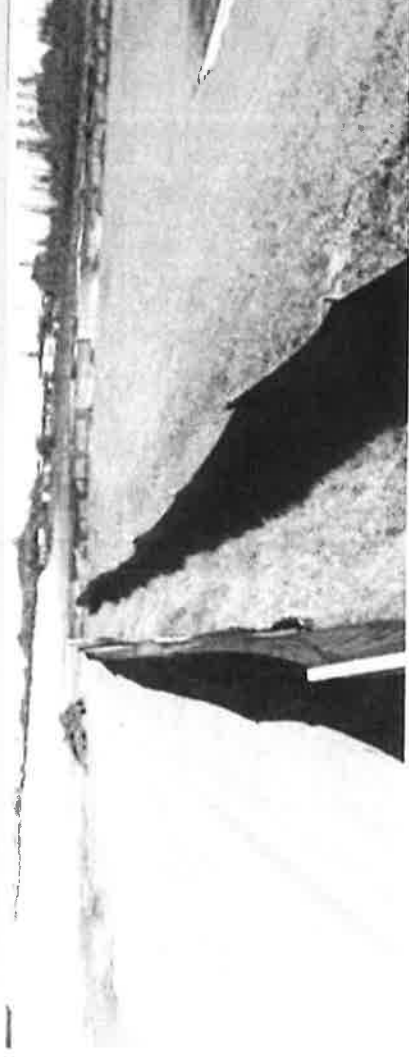
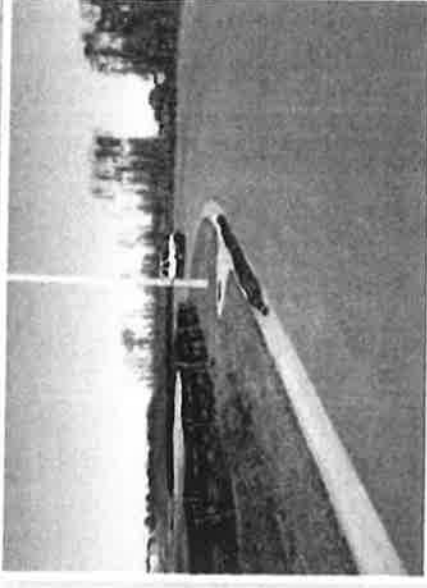


Controlling Erosion and Sedimentation

Best Management Practices

Perimeter Controls

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

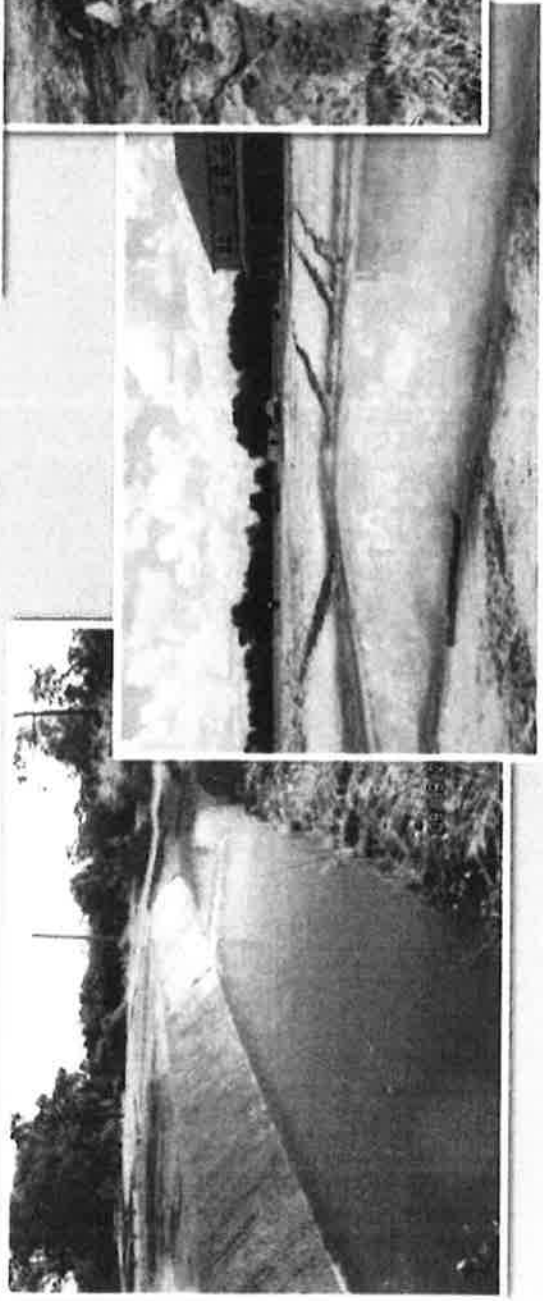


Controlling Erosion and Sedimentation

Best Management Practices

Outfalls & Stormwater Ponds

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



Controlling Erosion and Sedimentation

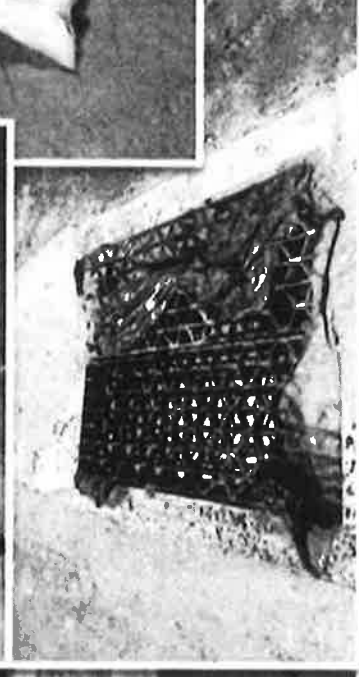
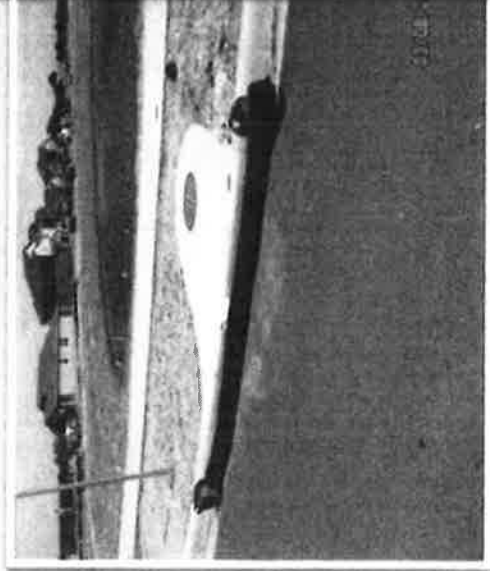
Best Management Practices

Stabilization

Vegetation

Structural

Stabilization





**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
☐ Drainage Structure/Ditch Check Locations
☐ Additional Instructions to Contractor

Other:

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

EXHIBIT E.4-A

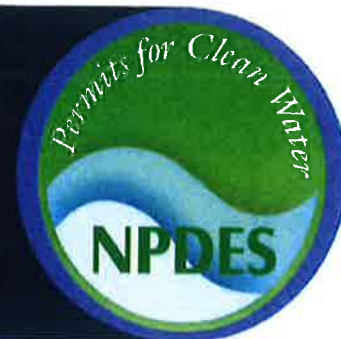
BMP Training

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.

Post-Construction Runoff Control Minimum Control Measure



Photo Credit: Image reproduced with permission from Montgomery County, MD Department of Environmental Protection

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 offers some general considerations on strategies used by MS4s to implement post-construction runoff control programs. It is important to keep in mind that the small MS4 operator has flexibility in choosing exactly how to satisfy the requirements in its NPDES permit.

Post-Construction Runoff Control Minimum Control Measure

Why Is the Control of Post-Construction Runoff Important?

Post-construction stormwater management in areas undergoing new development or redevelopment helps control pollutants in runoff from these areas, which has been shown to significantly affect receiving waterbodies. Prior planning and design will minimize pollutants in post-construction stormwater discharges in the most cost-effective manner for stormwater quality management.

There are generally two forms of substantial impacts from 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. These pollutants can impact aquatic species in a variety of ways, including by being absorbed through fish tissue. The second kind of post-construction runoff impact occurs as a result of increasing the quantity of water delivered to the waterbody during storms. Increased impervious surfaces (e.g., parking lots, driveways, 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 regulations specify that permits require small MS4s to develop, implement, and enforce a program to address stormwater runoff from new development and redevelopment projects that result in the land disturbance of greater than or equal to 1 acre, or of less than one acre but that is part of a larger common plan of development or sale. NPDES permits will also require, at a minimum, that the small MS4 operator be required to:

- Develop and implement strategies which include a combination of structural and/or non-structural best management practices (BMPs).
- Use an ordinance or other regulatory mechanism to address post-construction runoff from new development and redevelopment projects to the extent allowable under state, tribal, or local law.
- Ensure adequate long-term operation and maintenance of controls.

What Is Considered a “Redevelopment” Project?

The post-construction runoff requirement in 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 (or less than one acre but part of a larger

Post-Construction Runoff Control Minimum Control Measure

common plan of development or sale). 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 regulations provide flexibility for implementing post-construction controls on redevelopment sites that consider these constraints.

Post-Construction Permit Requirements

Each permit specifies the minimum elements that must be included in each post-construction runoff control program. These elements will differ from state to state although all permits will share the bottom-line requirement that the MS4 must implement a post-construction runoff control program that is tailored to the specific stormwater pollution control problems facing the community.

EPA has compiled several examples from federal and state MS4 permits that address the post-construction runoff minimum control measure. These examples are included in a series of permit compendia available on the EPA's stormwater website. See particularly Section E (Post-Construction Runoff) in the EPA's [*Compendium of MS4 Permitting Approaches – Part 1: Six Minimum Control Measures*](#).

Post-Construction BMPs

This section includes some non-structural and structural BMPs that could be used to satisfy post-construction requirements in small MS4 permits. 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.

- **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-Planning Based BMPs.** These may include buffer and riparian zone preservation, site restrictions on the amount of disturbance and imperviousness, and maximization of open space.
- **Stormwater Harvesting BMPs.** These practices may include rain barrels and cisterns that collect and temporarily store stormwater from rooftops for later release and/or use.
- **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

Post-Construction Runoff Control Minimum Control Measure

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 bioswales, filter strips, artificial wetlands, and rain gardens.

For Additional Information

Contacts

A list of contacts for the U.S. EPA's Office of Wastewater Management (Headquarters), each EPA regional office, and state office is located at:
<https://www.epa.gov/npdes/contact-us-stormwater>

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:

- American Samoa
- District of Columbia
- Guam
- Johnston Atoll
- Massachusetts
- Midway and Wake Islands
- New Hampshire
- New Mexico
- Northern Mariana Islands
- Puerto Rico
- Most Indian country lands

Reference Documents

- [EPA's Stormwater Website](#)
- [Stormwater Phase II Final Rule \(64 FR 68722\)](#)
- [Final MS4 General Permit Remand Rule \(81 FR 89320\)](#)
- [Final Small MS4 Urbanized Area Clarification \(88 FR 37994\)](#)
- [Phase II Final Rule Fact Sheet Series](#)
- [National Menu of Best Management Practices for Stormwater Phase II](#)
- [MS4 Permits – Compendium of Clear, Specific, and Measurable Permitting Examples](#)
- [EPA's Green Infrastructure Website](#)
- [EPA's Urban Nonpoint Source Guidance Website](#)

Disclaimer: This information is guidance only and does not establish or affect legal rights or obligations. Agency decisions in any particular case will be made by applying the law and regulations to the specific facts of the case.

EXHIBIT F.1-A

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.

ST. CLAIR COUNTY

co.st-clair.il.us/stormwater

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
- City of Princeton, Newark, and Edison City, Service Contracts for Storm Water Pollution Prevention, October 1993
- ACT RCWP "Responsible" Storm, January 1994
- ACT RCWP Best Management Practices for Industrial Storm Water Pollution Control, March 1994

Additional Community Activities-A

Public Works

Work Orders

Work Order Spreadsheet March 2024 - February 2025

[illegible]

Date	Ditching	Debris	Open	Stock-	Trash /	Curb &	Culvert	Tire	Guardrail	Street	Fair-	Storm
			Drains	Pile	Animals	Gutter	Repl. /			Sweeping	grounds	
			CleanUp	CleanUp			Cleanup	Pickup	Cleanup		Cleanup	Cleanup
05/07/24	X		X		X							
05/08/24			X									
05/09/24					X							
05/22/24									X			
05/23/24									X			
05/24/24									X			
05/28/24									X			
05/29/24									X			
05/30/24									X			
05/31/24									X			
06/03/24									X			
06/04/24									X			
06/05/24									X			
06/06/24									X			
06/07/24					X				X			
06/10/24									X			
06/11/24									X			
06/12/24									X			
06/13/24									X			
06/14/24									X			
07/09/24		X	X									
07/10/24		X										
07/12/24					X							
07/16/24		X	X		X							
07/17/24		X										X
07/18/24		X										
07/19/24		X										
07/22/24		X										
07/31/24					X							
08/05/24					X							
08/06/24		X										
08/07/24					X							
09/04/24		X										
09/13/24		X			X							
09/17/24								X		X		
09/18/24					X			X		X		
09/23/24			X									
09/24/24		X	X			X						
09/25/24		X										
09/26/24		X										
09/27/24		X	X									
09/30/24		X										
10/18/24					X							
10/30/24		X										
10/31/24			X		X	X						
11/04/24			X			X						

[illegible]

EXHIBIT Additional Community Activities-B

Groups and Organizations



IACE Spring Conference, May 13-15, 2024
Professional Development Hours Completion Certificate

NORMAN ETLING, received the below checked Professional Development Hours (PDH) for a maximum of (9) PDHs for attending the Illinois Association of County Engineers Spring Conference held at the DoubleTree, Bloomington, Illinois May 13-15, 2024.

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: Tuesday 9:00 a.m. - 5:00 p.m.

- ☒ Steel Options for County Owned Bridges
- ☒ IPWMAN
- ☒ Federal Highway Administration Update
- ☒ Illinois Department of Transportation Local Roads Update
- ☒ Illinois Department of Transportation Bridge Update
- ☒ FHWA MUTCD Update
- ☒ Local & State Floodway Permitting
- ☒ Bridge Inspection Options
- ☒ OSHA Audits

Morning Speaker: Wednesday 8:15 a.m.

- ☐ National Association of County Engineers Update, President Stephen McCall
- ☐ WIU GIS/Drones

7.8 Total Professional Development Hours

Thank you for attending the 2024 IACE Spring Conference.

Conrad Moore

Conrad Moore
Woodford County Engineer
Conference Planning Chair



IACE Fall Conference, October 3-4, 2024

Professional Development Hours Completion Certificate

NORMAN ETLING, received the below checked Professional Development Hours (PDH) for a maximum of (8) PDHs for attending the Illinois Association of County Engineers Fall Conference held at the Embassy Suites in East Peoria, Illinois October 3-4, 2024.

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.

- ☒ Concrete Overlays
- ☒ Illinois Department of Transportation Update
- ☒ ~~Federal Highway Administration Update~~ NACE update Earmarks, fly-ins
- ☒ Illinois Department of Transportation Bridge Update
- ☒ Fuel System Maintenance
- ☒ IDOT Section 106 – Historic Preservation
- ☒ IDFPR Ethics
- ☒ Geophysics as a Tool to Reduce Risk
- ☒ Opportunities & Challenges in Broadband Development
- ☒ Township Officials of Illinois Update

Morning Speaker: Friday 8:15 a.m.

 National Association of County Engineers Update, Executive Director Kevan Stone

7 Total Professional Development Hours

Thank you for attending the 2024 IACE Fall Conference.

Conrad Moore

Woodford County Engineer
Conference Planning Chair

Kiefer Heiman

Washington County Engineer
Conference Planning Chair

CERTIFICATE

This certificate declares that

Norman Etling

has completed

**September 2024 First Friday - Bioswales,
Bio-Infiltration, Basins, and Basin Retrofits –The 3
Bs of Natural Based Solutions**

on 9/6/2024



With passing score of 100%

Certificate ID MJCNU-CE000084

CERTIFICATE

This certificate declares that

Wayne Sandheinrich

has completed

September 2024 First Friday – Bioswales,
Bio-Infiltration, Basins, and Basin Retrofits –The 3
Bs of Natural Based Solutions

on 9/6/2024



With passing score of 100%

Certificate ID MJCNU-CE000072



Illinois Department of Transportation

Awards this certificate of training to

Etling, Norm

In recognition of successful completion of

TT - Permitting in the Floodplain

PDH Hours: 1.00

Date: 11/06/2024 Serial No: 5220628

EXHIBIT Additional Community Activities-C

Teklab Testing Results

April 03, 2024

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



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NPDES/Ogles

WorkOrder: 24032074

Dear Tony Schenk, P.E.:

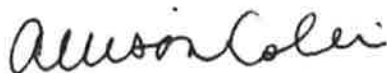
TEKLAB, INC received 2 samples on 3/26/2024 1:44:00 PM for the analysis presented in the following report.

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,



Allison Colin
Project Manager
(618)344-1004 ex 43
acolin@teklabinc.com



Report Contents

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

Client: Gonzalez Companies, LLC

Work Order: 24032074

Client Project: NPDES/Ogles

Report Date: 03-Apr-24

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: 24032074

Client Project: NPDES/Ogles

Report Date: 03-Apr-24

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: 24032074

Client Project: NPDES/Ogles

Report Date: 03-Apr-24

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: 24032074

Client Project: NPDES/Ogles

Report Date: 03-Apr-24

Cooler Receipt Temp: 2.3 °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: 24032074

Client Project: NPDES/Ogles

Report Date: 03-Apr-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	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		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 24032074

Client Project: NPDES/Ogles

Report Date: 03-Apr-24

Lab ID: 24032074-001

Client Sample ID: Scott Troy

Matrix: AQUEOUS

Collection Date: 03/26/2024 8:15

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	03/26/2024 14:55	R344948
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	04/01/2024 11:15	R345158
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		2.0	mg/L	1	04/02/2024 0:00	R345141
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.360	mg/L	1	03/28/2024 10:52	220442
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		59	mg/L	1	03/26/2024 15:02	R344883
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	4		36	mg/L	1	03/28/2024 10:51	R345029



Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 24032074

Client Project: NPDES/Ogles

Report Date: 03-Apr-24

Lab ID: 24032074-002

Client Sample ID: Old Collinsville

Matrix: AQUEOUS

Collection Date: 03/26/2024 8:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	10		1090	CFU/100ml	10	03/26/2024 14:55	R344948
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	04/01/2024 11:16	R345158
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		< 1.0	mg/L	1	04/02/2024 0:00	R345141
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		< 0.100	mg/L	1	03/28/2024 10:54	220442
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6	R	< 6	mg/L	1	03/26/2024 15:02	R344883
<i>Sample and Duplicate RPD meet the SOP QC criteria for low level results. Data is reportable.</i>								
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		155	mg/L	5	03/27/2024 12:17	R344981



Receiving Check List

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

Client: Gonzalez Companies, LLC

Work Order: 24032074

Client Project: NPDES/Ogles

Report Date: 03-Apr-24

Carrier: Lucas Koopmann

Received By: ERH

Completed by:

On:

26-Mar-24

Lindsey Maddox

Reviewed by:

On:

26-Mar-24

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 2.3
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.

pH strip #96651. - lmaddox - 3/26/2024 2:34:26 PM

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - lmaddox - 3/26/2024 2:34:28 PM

CHAIN OF CUSTODY

pg. 1 of 1 Work order # 24032074

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client: Gonzalez Companies, LLC
 Address: 525 West Main Street, Suite 125
 City / State / Zip: Belleville, IL 62220
 Contact: Tony Schenk, P.E.
 E-Mail: tschenk@gocos.net
 Phone: (618) 222-2221
 Fax:

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 2.3°C °C LTG# 4-3
 Preserved in: ☐ LAB ☒ FIELD
 Lab Notes: 9/6/05
WMA 3/20

FOR LAB USE ONLY

Client Comments

Rainfall 1"

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
 Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☒ No
 Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section. ☐ Yes ☒ No

Project Name/Number

NPDES/Ogles

Results Requested ☐ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)

Billing Instructions

Sample Collector's Name

Lucas Koopman

and Type of Containers

H2SO4
UNP

Date/Time Sampled

3/26/24 8:15am

Sample Identification

24032074

Lab Use Only

Scott Troy

Old Collinsville

3/26/24 8:00am

INDICATE ANALYSIS REQUESTED

MATRIX

Aqueous

Chloride

Fecal Coliform

Oil and Grease

Phosphorus

Total Nitrogen

TSS

Relinquished By

Date/Time

Received By

Date/Time

Lucas Koopman

3/26/24 13:44

Allen Hagan

3/26/24 1344

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

Bottle Order: 85982



April 17, 2024

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



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NPDES/Ogles

WorkOrder: 24040943

Dear Tony Schenk, P.E.:

TEKLAB, INC received 2 samples on 4/10/2024 12:49:00 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,



Allison Colin
Project Manager
(618)344-1004 ex 43
acolin@teklabinc.com



Report Contents

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

Client: Gonzalez Companies, LLC

Work Order: 24040943

Client Project: NPDES/Ogles

Report Date: 17-Apr-24

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: 24040943

Client Project: NPDES/Ogles

Report Date: 17-Apr-24

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)

Client: Gonzalez Companies, LLC

Work Order: 24040943

Client Project: NPDES/Ogles

Report Date: 17-Apr-24

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: 24040943

Client Project: NPDES/Ogles

Report Date: 17-Apr-24

Cooler Receipt Temp: 10.3 °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: 24040943

Client Project: NPDES/Ogles

Report Date: 17-Apr-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	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		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 24040943

Client Project: NPDES/Ogles

Report Date: 17-Apr-24

Lab ID: 24040943-001

Client Sample ID: Scott Troy

Matrix: AQUEOUS

Collection Date: 04/10/2024 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	10		870	CFU/100ml	10	04/10/2024 14:36	R345650
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	04/16/2024 12:02	R345891
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		2.7	mg/L	1	04/16/2024 0:00	R345823
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.234	mg/L	1	04/16/2024 9:12	221308
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		11	mg/L	1	04/11/2024 9:32	R345633
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	8		75	mg/L	2	04/10/2024 19:23	R345623



Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 24040943

Client Project: NPDES/Ogles

Report Date: 17-Apr-24

Lab ID: 24040943-002

Client Sample ID: Old Collinsville

Matrix: AQUEOUS

Collection Date: 04/10/2024 10:15

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	04/10/2024 14:36	R345650
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	04/16/2024 12:02	R345891
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		< 1.0	mg/L	1	04/16/2024 0:00	R345823
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		< 0.100	mg/L	1	04/16/2024 9:35	221308
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		< 6	mg/L	1	04/11/2024 9:37	R345633
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	20		207	mg/L	5	04/10/2024 19:26	R345623



Receiving Check List

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

Client: Gonzalez Companies, LLC

Work Order: 24040943

Client Project: NPDES/Ogles

Report Date: 17-Apr-24

Carrier: Employee

Received By: WAO

Completed by:

On:

10-Apr-24

Whitney Olinger
Whitney Olinger

Reviewed by:

On:

10-Apr-24

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 10.3
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.

pH strip #96651 - wolinger - 4/10/2024 1:38:09 PM

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - wolinger - 4/10/2024 2:09:45 PM

Work order # 24040943

Work order # 24040943

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

Bottle Order: 88185



July 17, 2024

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



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NPDES/Ogles

WorkOrder: 24070740

Dear Tony Schenk, P.E.:

TEKLAB, INC received 2 samples on 7/10/2024 12:10:00 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,



Allison Colin
Project Manager
(618)344-1004 ex 43
acolin@teklabinc.com



Report Contents

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

Client: Gonzalez Companies, LLC

Work Order: 24070740

Client Project: NPDES/Ogles

Report Date: 17-Jul-24

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: 24070740

Client Project: NPDES/Ogles

Report Date: 17-Jul-24

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: 24070740

Client Project: NPDES/Ogles

Report Date: 17-Jul-24

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: 24070740

Client Project: NPDES/Ogles

Report Date: 17-Jul-24

Cooler Receipt Temp: 11.9 °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: 24070740

Client Project: NPDES/Ogles

Report Date: 17-Jul-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 24070740

Client Project: NPDES/Ogles

Report Date: 17-Jul-24

Lab ID: 24070740-001

Client Sample ID: Scott Troy

Matrix: AQUEOUS

Collection Date: 07/10/2024 11:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9223B 23RD ED., COLILERT-18 QUANTITRAY								
Fecal Coliform	*	10.0		3255.0	MPN/100ml	10	07/10/2024 14:29	R350015
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	07/12/2024 10:18	R350176
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		3.5	mg/L	1	07/16/2024 0:00	R350258
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.350	mg/L	1	07/11/2024 14:54	225557
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		110	mg/L	1	07/11/2024 10:33	R350063
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	8		43	mg/L	2	07/12/2024 22:34	R350172



Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 24070740

Client Project: NPDES/Ogles

Report Date: 17-Jul-24

Lab ID: 24070740-002

Client Sample ID: Old Collinsville

Matrix: AQUEOUS

Collection Date: 07/10/2024 11:14

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9223B 23RD ED., COLILERT-18 QUANTITRAY								
Fecal Coliform	*	10.0		2310.0	MPN/100ml	10	07/10/2024 14:29	R350015
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	07/15/2024 10:52	R350239
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		1.5	mg/L	1	07/16/2024 0:00	R350258
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		< 0.100	mg/L	1	07/11/2024 14:57	225557
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		< 6	mg/L	1	07/11/2024 10:33	R350063
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	40		95	mg/L	10	07/12/2024 22:55	R350172



Receiving Check List

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

Client: Gonzalez Companies, LLC

Work Order: 24070740

Client Project: NPDES/Ogles

Report Date: 17-Jul-24

Carrier: Employee

Received By: NR

Completed by:

On:

10-Jul-24

Paul Schultz

Reviewed by:

On:

10-Jul-24

Ellie Hopkins

Pages to follow: Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 11.9
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.

pH strip #96651. - pschultz - 7/10/2024 12:58:53 PM

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - pschultz - 7/10/2024 12:58:55 PM

CHAIN OF CUSTODY

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

pg. 1 of 1 Work order # 24076740

Client: Gonzalez Companies, LLC
 Address: 525 West Main Street, Suite 125
 City / State / Zip: Belleville, IL 62220
 Contact: Tony Schenk, P.E.
 E-Mail: tschenk@goccs.net
 Phone: (618) 222-2221
 Fax:

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 11.9 °C LTG# 3
 Preserved in: ☐ LAB ☒ FIELD
 Lab Notes: 8/24/2011
85 7110

FOR LAB USE ONLY

Client Comments

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☐ No
 Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☐ No
 Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section. ☐ Yes ☐ No

Project Name/Number		Sample Collector's Name		Billing Instructions		Date/Time Sampled		Date/Time		Date/Time	
NPDES/Ogles											
Results Requested		Sample Identification		Sample Collector's Name		Date/Time Sampled		Date/Time		Date/Time	
☐ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)		Lab Use Only <u>24076740-001</u> <u>002</u>		Scott Troy Old Collinsville		7/10/24 11:20 am 7/10/24 11:17 am		7/10/24 7/10/24		7/10/24 12:10	
Aqueous				X	X	X	X	X	X	X	X
Chloride				X	X	X	X	X	X	X	X
Fecal Coliform				X	X	X	X	X	X	X	X
Oil and Grease				X	X	X	X	X	X	X	X
Phosphorus				X	X	X	X	X	X	X	X
Total Nitrogen				X	X	X	X	X	X	X	X
TSS				X	X	X	X	X	X	X	X

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

Bottle Order: 90717



November 11, 2024

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



Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: NPDES/Ogles

WorkOrder: 24110221

Dear Tony Schenk, P.E.:

TEKLAB, INC received 2 samples on 11/4/2024 2:31:00 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,



Allison Simpson
Project Manager
(618)344-1004 ex 43
acolin@teklabinc.com



Report Contents

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

Client: Gonzalez Companies, LLC

Work Order: 24110221

Client Project: NPDES/Ogles

Report Date: 11-Nov-24

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: 24110221

Client Project: NPDES/Ogles

Report Date: 11-Nov-24

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.

LCS D 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 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: 24110221

Client Project: NPDES/Ogles

Report Date: 11-Nov-24

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: 24110221

Client Project: NPDES/Ogles

Report Date: 11-Nov-24

Cooler Receipt Temp: 3.3 °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
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Fax (913) 541-1998
Email jhriley@teklabinc.com



Accreditations

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

Client: Gonzalez Companies, LLC

Work Order: 24110221

Client Project: NPDES/Ogles

Report Date: 11-Nov-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	12/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville



Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 24110221

Client Project: NPDES/Ogles

Report Date: 11-Nov-24

Lab ID: 24110221-001

Client Sample ID: Scott Troy

Matrix: AQUEOUS

Collection Date: 11/04/2024 13:18

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		CG	CFU/100ml	100	11/04/2024 16:02	R355678
<i>CG – Confluent growth covering all or part of the filtration area making colonies indistinct, with coliforms.</i>								
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	11/06/2024 7:38	R355728
EPA 300.0 TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Chloride	NELAP	5.00		14.7	mg/L	10	11/05/2024 22:05	R355616
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		2.0	mg/L	1	11/07/2024 0:00	R355799
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.749	mg/L	1	11/05/2024 17:15	230690
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	30		395	mg/L	5	11/06/2024 13:55	R355770



Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 24110221

Client Project: NPDES/Ogles

Report Date: 11-Nov-24

Lab ID: 24110221-002

Client Sample ID: Old Collinsville

Matrix: AQUEOUS

Collection Date: 11/04/2024 13:48

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION								
Fecal Coliform	*	100		3000	CFU/100ml	100	11/04/2024 16:02	R355678
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	11/06/2024 7:39	R355728
EPA 300.0 TOTAL ANIONIC COMPOUNDS BY ION CHROMATOGRAPHY								
Chloride	NELAP	5.00		9.21	mg/L	10	11/05/2024 22:17	R355616
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		< 1.0	mg/L	1	11/07/2024 0:00	R355799
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.156	mg/L	1	11/05/2024 17:17	230690
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		20	mg/L	1	11/06/2024 10:34	R355770



Receiving Check List

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

Client: Gonzalez Companies, LLC

Work Order: 24110221

Client Project: NPDES/Ogles

Report Date: 11-Nov-24

Carrier: Employee

Received By: JMD

Completed by:

On:

04-Nov-24

Amber Dilallo
Amber Dilallo

Reviewed by:

On:

04-Nov-24

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 3,3
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.

pH strip #96651. - amberdilallo - 11/4/2024 3:04:54 PM

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - amberdilallo - 11/4/2024 3:04:55 PM

