



# 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, 2022 To March, 2023

Permit No. ILR40 0190

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

Name: CITY OF FAIRVIEW HEIGHTS

Mailing Address 1: 10025 BUNKUM ROAD

Mailing Address 2:

County: St. Clair

City: FAIRVIEW HEIGHTS

State: IL

Zip: 62208

Telephone: 618-489-2020

Contact Person: JOHN HARTY

Email Address: harty@cofh.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

CANTEEN TOWNSHIP, CASEYVILLE TOWNSHIP

ST. CLAIR TOWNSHIP

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

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

1. Public Education and Outreach

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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:

JOHN HARTY

Printed Name:

5-22-2023  
Date:

PUBLIC WORKS DIRECTOR

Title:

EMAIL COMPLETED FORM TO: [epa.ms4annualinsp@illinois.gov](mailto: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

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No

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Persons Responsible:

Yes

☐

No

☒

Name: 

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Title: 

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Telephone Number: 

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Area of Responsibility: 

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### 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 2022-2023 Activities

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

#### **March 2022-February 2023:**

- 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 Fairview Heights

FOIA Officer for the reporting year:

Name: Gina Petrunich

Title: Deputy City Clerk

Telephone Number: 618-489-2000

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through February 2023

| 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                                                                                                                                                                                                                                  | Activity                                                                                                                                                                                                                                                                                                                                                                                                   | YES                                                                                                        | NO                                  | Schedule                                                                                                         |                                        |
| <b>BMP No. A.1 - Distributed Paper Materials- Informational Brochures</b>                                                          |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                            |                                     |                                                                                                                  |                                        |
| Milestone For Reporting Year: Promote the availability of brochures to the residents.                                              |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                            |                                     |                                                                                                                  |                                        |
|                                                                                                                                    | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     | The City has brochures available to residents at the City Hall and the Public Library. St. Clair County has brochures available to residents at the Roads and Bridges Office and public library. Educational topics include paint and related decor, lawn and garden care, illicit discharge ordinance compliance, and stormwater ordinances. The St. Clair County storm water hotline number is included. |                                                                                                            | <input checked="" type="checkbox"/> | The City and County will continue to make educational brochures available to the public.                         | Ongoing through 2021-2026 permit year. |
| <b>BMP No. A.4- Community Event- Sponsor Annual Booth at St. Clair County Earth Day Festival</b>                                   |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                            |                                     |                                                                                                                  |                                        |
| Milestone For Reporting Year: St. Clair County sponsored a booth at the Earth Day Festival.                                        |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                            |                                     |                                                                                                                  |                                        |
|                                                                                                                                    | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     | There was no "Physical Attendance" Earth Day this year but the St. Clair County Health Department sent out information to the schools. The City promoted a Stormwater Awareness Program for Cub Scouts Pack 586 on January 7, 2023.                                                                                                                                                                        |                                                                                                            | <input checked="" type="checkbox"/> | St. Clair County is responsible for the booth and tracking the number of brochures handed out.                   | Ongoing through 2021-2026 permit year. |
| <b>BMP No. A.5- Classroom Education Material</b>                                                                                   |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                            |                                     |                                                                                                                  |                                        |
| Milestone For Reporting Year: County posts a newsletter on County Health Department website for students during the school months. |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                            |                                     |                                                                                                                  |                                        |
|                                                                                                                                    | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     | St. Clair County posted educational newsletters on the Health Department's website.                                                                                                                                                                                                                                                                                                                        |                                                                                                            | <input checked="" type="checkbox"/> | The communities will inform local schools that the newsletters are available on the Health Department's website. | Ongoing through 2021-2026 permit year. |

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through February 2023

| 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                                                                                                                                                                                                                                                                                                                                                                                                | Y/N                                 | Y/N                                                                                                                                                                                                                                 | Y/N                                                          | Y/N                                                                                                                                           | Y/N | Activity                                                                                                                                                                                             | Schedule                               |
| <b>BMP No. B.3- Stakeholder's Meeting- Coordinate Meetings and Annual Reports, Sponsor Various Programs</b>                                                                                                                                                                                                                                                                                            |                                     |                                                                                                                                                                                                                                     |                                                              |                                                                                                                                               |     |                                                                                                                                                                                                      |                                        |
| 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 8th, June 7th, September 6th, and December 6th, 2022. Annual reports were provided to communities in May 2022 and submitted to IEPA before June 1st, 2022. Meeting topics included: Annual Reporting, Data Collections, ILR40 Updates, Sediment & Erosion Control Training, Operations/Good Housekeeping Training, and Post-Construction Management Training. | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     | See page 10 and Exhibits B.3-A to B.3-E for more information | <input checked="" type="checkbox"/>                                                                                                           |     | The County will continue to meet with the Co-Permittee Group to share BMPs and training opportunities. The Co-Permittee Group has planned four compliance/training activities the next Program year. | Ongoing through 2021-2026 permit year. |
| <b>BMP No. B.5- Volunteer Monitoring- Solicit and Encourage Public Assistance in Monitoring the Community's Stormwater System &amp; Stormwater Hotline</b>                                                                                                                                                                                                                                             |                                     |                                                                                                                                                                                                                                     |                                                              |                                                                                                                                               |     |                                                                                                                                                                                                      |                                        |
| Milestone For Reporting Year: Community will work to involve more public assistance in reporting stormwater issues.                                                                                                                                                                                                                                                                                    |                                     |                                                                                                                                                                                                                                     |                                                              |                                                                                                                                               |     |                                                                                                                                                                                                      |                                        |
| The County updated brochures and websites with County contact information for the reporting of stormwater issues. Any calls or emails are recorded and addressed.                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     |                                                              | <input checked="" type="checkbox"/>                                                                                                           |     | 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. |
| <b>BMP No. B.6- Program Involvement- Participate in programs targeted at public awareness, including: Inlet Stenciling and Recycling</b>                                                                                                                                                                                                                                                               |                                     |                                                                                                                                                                                                                                     |                                                              |                                                                                                                                               |     |                                                                                                                                                                                                      |                                        |
| Milestone for Reporting Year: St. Clair County continued to promote programs related to stormwater activities. Communities tracked participation.                                                                                                                                                                                                                                                      |                                     |                                                                                                                                                                                                                                     |                                                              |                                                                                                                                               |     |                                                                                                                                                                                                      |                                        |
| County will continue to promote programs related to stormwater activities and recycling. Multiple media outlets will be used to communicate with municipalities.                                                                                                                                                                                                                                       | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     | See page 10 and Exhibit B.6-A for more information           | <input checked="" type="checkbox"/>                                                                                                           |     | 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 2022 through February 2023

| 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                                                                                      |  |
| <b>BMP No. B.7- Other Public Involvement - The community will provide a public meeting annually for public input regarding the MS4 Program</b>    |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                 |                                                                                               |  |
| Milestone for Reporting Year: The communities will provide a public meeting annually for public input for the MS4 program.                        |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                 |                                                                                               |  |
|                                                                                                                                                   | <input checked="" type="checkbox"/> | <input type="checkbox"/>                                                                                                                                                                                                            | See page 10 and Exhibit B.7-A for more information                                                                                                                                                                                                                                 | <input checked="" type="checkbox"/>                                                                                                           | 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.                                                        |  |
| <b>BMP No. C.1- Storm Sewer Map Preparation</b>                                                                                                   |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                 |                                                                                               |  |
| Milestone for Reporting Year: County currently has 100% of outfall locations and names of receiving waters mapped for the Co-Permittee community. |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                 |                                                                                               |  |
|                                                                                                                                                   | <input checked="" type="checkbox"/> | <input type="checkbox"/>                                                                                                                                                                                                            | Co-Permittee communities reviewed their outfall maps for completeness and updated them if necessary. The City currently has 100% of outfall locations and names of receiving waters mapped.                                                                                        | <input checked="" type="checkbox"/>                                                                                                           | Communities will begin/continue to update their storm system maps to include modifications to the system.                                                       | Ongoing through 2021-2026 permit year.                                                        |  |
| <b>BMPs No. C.5- Inlet Stenciling</b>                                                                                                             |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                 |                                                                                               |  |
| Milestone for Reporting Year: Survey condition of inlet stencils.                                                                                 |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                 |                                                                                               |  |
|                                                                                                                                                   | <input checked="" type="checkbox"/> | <input type="checkbox"/>                                                                                                                                                                                                            | The City has 100% of inlets marked. The Street Department will continue to monitor stencils, replacing as needed.                                                                                                                                                                  | <input checked="" type="checkbox"/>                                                                                                           | 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.                                                        |  |
| <b>BMP No. C.6- Program Evaluation and Assessment</b>                                                                                             |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                 |                                                                                               |  |
| Milestone for Reporting Year: Perform illicit discharge detection and elimination in the Community's stormwater system.                           |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                                 |                                                                                               |  |
|                                                                                                                                                   | <input checked="" type="checkbox"/> | <input type="checkbox"/>                                                                                                                                                                                                            | Communities will perform routine stream observations and take appropriate action if any illicit discharge is found. The City performed illicit discharge stream monitoring at Ogles Creek @ Old Collinsville Rd. and Ogles Creek @ Scott Troy Rd. August, 2022 and February, 2023. | <input checked="" type="checkbox"/>                                                                                                           | Communities will continue to perform stream observations and address illicit discharge per the community ordinance.                                             | Ongoing through 2021-2026 permit year.                                                        |  |

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through February 2023

| 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                                                                                                                                         | Y/N                                 | Y/N                                                                                                                                                                                                                                 | Y/N | Y/N                                                                                                        | Y/N | Activity                                                                                                                                                          | Schedule                               |
| <b>BMP No. C.9- Public Notification</b>                                                                                                         |                                     |                                                                                                                                                                                                                                     |     |                                                                                                            |     |                                                                                                                                                                   |                                        |
| Milestone for Reporting Year: Community will update ordinance brochure.                                                                         |                                     |                                                                                                                                                                                                                                     |     |                                                                                                            |     |                                                                                                                                                                   |                                        |
|                                                                                                                                                 | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     |     |                                                                                                            |     | Ordinance brochures will be updated and distributed as needed.                                                                                                    | Ongoing through 2021-2026 permit year. |
| <b>BMP No. D.1- Regulatory Control Program</b>                                                                                                  |                                     |                                                                                                                                                                                                                                     |     |                                                                                                            |     |                                                                                                                                                                   |                                        |
| Milestone for Reporting Year: Require SWPPP on all site plans disturbing more than one acre of land inside the Community.                       |                                     |                                                                                                                                                                                                                                     |     |                                                                                                            |     |                                                                                                                                                                   |                                        |
|                                                                                                                                                 | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     |     |                                                                                                            |     | 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. |
| <b>BMPs No. D.2- Erosion and Sediment Control BMPs</b>                                                                                          |                                     |                                                                                                                                                                                                                                     |     |                                                                                                            |     |                                                                                                                                                                   |                                        |
| Milestone for Reporting Year: Community will participate in BMP training during Annual Operations Training.                                     |                                     |                                                                                                                                                                                                                                     |     |                                                                                                            |     |                                                                                                                                                                   |                                        |
|                                                                                                                                                 | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     |     |                                                                                                            |     | See page 10 and Exhibit D.2-A for more information                                                                                                                | Ongoing through 2021-2026 permit year. |
| <b>BMP No. D.5- Stormwater Hotline</b>                                                                                                          |                                     |                                                                                                                                                                                                                                     |     |                                                                                                            |     |                                                                                                                                                                   |                                        |
| Milestone for Reporting Year: County continued to maintain a stormwater hotline number to address public concerns related to stormwater issues. |                                     |                                                                                                                                                                                                                                     |     |                                                                                                            |     |                                                                                                                                                                   |                                        |
|                                                                                                                                                 | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     |     |                                                                                                            |     | St. Clair County maintained the hotline number during the reporting period. Communities respond to complaints from residents regarding stormwater related issues. | Ongoing through 2021-2026 permit year. |

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2022 through February 2023

| 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                               |
| <b>BMP No. E.2- Regulatory Control Program</b>                                                                                                                   |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                               |                                     |                                                                                                        |                                        |
| Milestone for Reporting Year: Enforce County's Stormwater Ordinance.                                                                                             |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                               |                                     |                                                                                                        |                                        |
|                                                                                                                                                                  | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     | Communities will continue to enforce their stormwater ordinance and track changes made to the ordinance. The City had no changes this year.                                             |                                                                                                                                               | <input checked="" type="checkbox"/> | Communities will continue to enforce their stormwater ordinance.                                       | Ongoing through 2021-2026 permit year. |
| <b>BMP No. E.4- Pre-Construction Review of BMP Designs</b>                                                                                                       |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                               |                                     |                                                                                                        |                                        |
| 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. |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                               |                                     |                                                                                                        |                                        |
|                                                                                                                                                                  | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     | The City requires and reviews SWPPs on site plans disturbing more than 1-acre of land. Post Construction Management Training was covered during the December 6, 2022 Quarterly Meeting. | See page 10 and Exhibit E.4-A for more information                                                                                            | <input checked="" type="checkbox"/> | Communities will review the post construction BMPs on all sites that disturb more than 1-acre of land. | Ongoing through 2021-2026 permit year. |
| <b>BMPs No. F.1- Employee Training</b>                                                                                                                           |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                               |                                     |                                                                                                        |                                        |
| Milestone for Reporting Year: Community will participate in an annual Operations Training for employees whose job impacts stormwater runoff.                     |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                               |                                     |                                                                                                        |                                        |
|                                                                                                                                                                  | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     | Operations Training was covered during the September 6, 2022 Quarterly Meeting.                                                                                                         |                                                                                                                                               | <input checked="" type="checkbox"/> | The Co-Permittee Group will continue to review Operations Training at one meeting per program year.    | Ongoing through 2021-2026 permit year. |
| <b>BMP No. F.6- Other Municipal Operations Controls - Standard Operating Procedures</b>                                                                          |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                               |                                     |                                                                                                        |                                        |
| Milestone for Reporting Year: Communities reviewed operating procedures and BMPs and modified if necessary.                                                      |                                     |                                                                                                                                                                                                                                     |                                                                                                                                                                                         |                                                                                                                                               |                                     |                                                                                                        |                                        |
|                                                                                                                                                                  | <input checked="" type="checkbox"/> |                                                                                                                                                                                                                                     | Communities will continue to enforce their stormwater ordinance and track changes made to the ordinance. The City had no changes this year.                                             |                                                                                                                                               | <input checked="" type="checkbox"/> | Communities will continue to enforce their stormwater ordinance.                                       | Ongoing through 2021-2026 permit year. |

**ADDITIONAL INFORMATION**

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BMP A.5</b> | <b>Classroom Educational Materials</b><br>St. Clair County posted educational newsletters on the Health Department's website. See attached Exhibit A.5-A for more information.                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>BMP B.3</b> | <b>Stakeholder's Meeting - Coordinate Meetings and Annual Reports, Sponsor Various Programs</b><br>The St. Clair County MS4 Co-Permittee Group held four quarterly training meetings during the 2022-2023 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. |
| <b>BMP B.6</b> | <b>Program Involvement-Participate in programs targeted at public awareness, including Inlet Stenciling and Recycling</b><br>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.                                                                                                                                                                                                                                                                   |
| <b>BMP B.7</b> | <b>Other Public Involvement - The community will provide a public meeting annually for public input regarding the MS4 Program</b><br>St. Clair County held a Public Meeting to invite public input regarding the adequacy of the MS4 Program on January 30, 2023. No comments were received. The County also distributed educational information. See attached Exhibit B.7-A for additional details.                                                                                                                                                                  |
| <b>BMP C.5</b> | <b>Inlet Stenciling - Illicit Source Removal Procedures</b><br>St. Clair County Highway Department sponsors an Adopt-a-Highway Program throughout the County. By sponsoring this program, St. Clair County is eliminating a significant source of stormwater pollution by keeping trash out of streams and keeping road ditches clear of debris from storm events                                                                                                                                                                                                     |
| <b>BMP D.2</b> | <b>Erosion and Sediment Control BMPs</b><br>St. Clair County will provide annual BMP training at (1) Quarterly Meeting. See attached Exhibit D.2-A for more details.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>BMP E.4</b> | <b>Pre-Construction Review of BMP Designs</b><br>St. Clair County requires and reviews SWPPs on site plans disturbing more than 1-acre of land. Post Construction Management Training was covered during the December 6, 2022 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, 2022 and February 28, 2023 not listed in the *Notice of Intent* (NOI) submittal, but which address one of the six minimum control measures:

The City cleaned .1 mile of Ogles Creek and .2 miles of Little Canteen Creek collecting 35,000 pounds of limbs.

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

A total of 2.0 miles of ditches were graded along Holdener Drive, Judy Drive, Autumn Drive, Holy Cross Road, and 1st Avenue. Straw mats, riprap and silt fence were the BMPs used.

The Street Department has (2) 20-cubic-yard dumpsters that are used by the City for trash retrieved from road ditches and waterways. The dumpster is emptied weekly.

The Street Department spent 1,000 hours street sweeping 7,000 miles of roadway collecting 1,215,000 pounds of debris.

Fifty catch basins were cleaned during the reporting year.

The City provides Christmas tree recycling collecting (1) 30 cu/yd dumpster load.

The City hauled away (2) Tandem dump truck loads of tires in October, 2022.

The City provides weekly bulk item pickup through Aspen Waste.

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-A for Reports

1st Quarter Sample Date: 3/07/22

2nd Quarter Sample Date: 4/21/22

3rd Quarter Sample Date: 8/16/22

4th Quarter Sample Date: 12/08/22

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

Circle which minimum control measure is addressed:

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

**C. Reliance on Government Entities for Permit Obligations**

Co-Permittee cooperation with the County

**CI. List of Construction Projects during 2022-2023 Reporting Year**

| <b>Permit #</b> | <b>Project</b> | <b>Status</b> |
|-----------------|----------------|---------------|
|-----------------|----------------|---------------|

|                |                                         |                                          |
|----------------|-----------------------------------------|------------------------------------------|
| ILR10 No. BM70 | Constructing Residential Infrastructure | Start Date: 10/20/20 End Date: 7/31/2023 |
|----------------|-----------------------------------------|------------------------------------------|

|                |                                         |                                         |
|----------------|-----------------------------------------|-----------------------------------------|
| ILR10 No. BM06 | Constructing Residential Infrastructure | Start Date: 7/07/20 End Date: 7/31/2023 |
|----------------|-----------------------------------------|-----------------------------------------|

## Education Materials for Schools

# SCHOOLS



## CLIMATE LITERACY

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

## FOOD & ENVIRONMENT

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



## GLOBAL EARTH CHALLENGE

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

## PLASTIC POLLUTION

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



## ARTISTS FOR THE EARTH

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

## BIODIVERSITY

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



# 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 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 ponds.

## DID YOU KNOW

Leaf "litter" and landscape trash account for **56%** of phosphorus in urban stormwater, not to mention clogging storm drains, causing potential flooding and increasing debris in our waterways.

## 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

If dog owners don't clean up after their pooches, **390 million pounds** of poop can wash into our waterways every year in just Colorado! Dog waste contains 10% phosphates and 2% nitrates, contributing to algae growth.

## 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](http://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](http://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](http://www.epa.gov)

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



# TAKE A DIP!

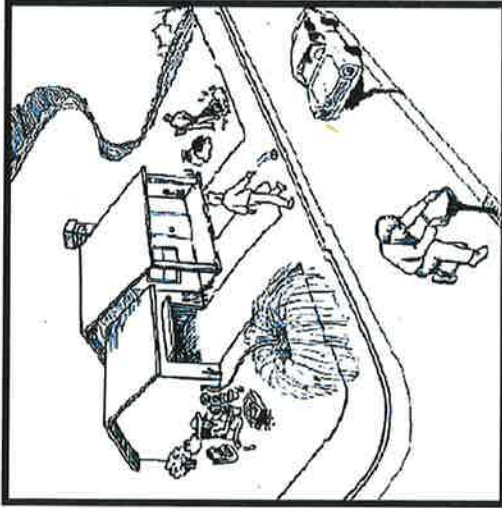


## STORMWATER POLLUTANTS FIND THEIR WAY INTO WHERE WE FISH, WHAT WE DRINK AND WHERE WE SWIM.

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.

What's wrong with soil? It clogs waterways, hurts fishes' gills, and carries a lot of oil and other chemicals that contaminate the water and lead to sunny green lakes.



EXHIBIT B.3-A

St. Clair County  
2022 Quarterly Meeting Notices

## ***St. Clair County MS4 Group***

### ***Quarterly Meeting Notice***

**March 8, 2022**  
**9:00 – 11:00 a.m.**  
**Klucker Hall – Top Floor**



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

**Our presentation will be on Annual Reports, Data Collection & ILr40 Updates.**

**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 7, 2022  
9:00 – 11:00 a.m.  
Klucker Hall – Top Floor**



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

**Our presentation will be on Erosion and Sediment Control.  
We look forward to seeing you!**

**Tony Schenk, P.E.**

**Jon Schaller, P.E.**

**Tammy Mezo, Administrative Assistant**

## ***St. Clair County MS4 Group***

### ***Quarterly Meeting Notice***

**September 6, 2022  
9:00 – 11:00 a.m.  
Klucker Hall – Top Floor**



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

- ☐ Our presentation will be on Operations and Maintenance Training/BMP's and Good Housekeeping.

**We look forward to seeing you!**

**Tony Schenk, P.E.**

**Jon Schaller, P.E.**

**Tammy Mezo, Administrative Assistant**

## ***St. Clair County MS4 Group***

### ***Quarterly Meeting Notice***

**December 6, 2022**

**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  
2022 Quarterly Meeting Agendas

**St. Clair County MS4 Co-Permittee Group  
Quarterly Meeting Agenda  
March 8, 2022**

**Introductions**

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

**Open Discussion**

- ☐ Previous MS4 Experience, Processes and Suggestions for Improvement
- ☐ Outlook on Timeline for MS4 Group
  - Processing Invoices and Contract Documents
  - Data Collection Forms
  - Annual Reports
  - Submission of NOI's (if not done so already)
  - Quarterly Meetings – First Tuesday of Each Quarter
    - March 8<sup>th</sup> - Annual Reports, Data Collection and ILR40 Updates
    - June 7<sup>th</sup> – Storm Water Sampling and Additional Permit Requirements
    - September 6<sup>th</sup> – Operations and Maintenance Training/BMP's and Good Housekeeping
    - December 6<sup>th</sup> – Sediment and Erosion Control BMP's

**Data Collection for Annual Report**

- ☐ Review of Data Collection Forms
  - IV.B.2 – Public Involvement/Participation - Annual Public Meeting
  - IV.B.3 - IDDE – Dry Weather Sampling
  - V. Monitoring, Record Keeping and Reporting – Quarterly Outfall Monitoring and Inspection

**ILR 40 Permit Updates**

- ☐ Public Education and Outreach
- ☐ Public Involvement and Par
- ☐ Illicit Discharge Detection and Elimination (IDDE)
- ☐ Construction Site Runoff Control
- ☐ Post-Construction Management
- ☐ Good Housekeeping

**Next Meeting: June 7, 2022 at 9:00 a.m.**

**St. Clair County MS4 Co-Permittee Group  
Quarterly Meeting Agenda  
June 7, 2022**

**Introductions**

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

**Open Discussion**

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Wayne Caughman – IEPA

**Past Events**

- ☐ March 8<sup>th</sup> Quarterly Meeting
  - Annual Report, Data Collection, ILR40 Updates & Storm Water Sampling
- ☐ Data Collection Forms and Annual Reports – Lessons Learned?

**Permit Requirements**

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

**Sediment and Erosion Control BMP's**

- ☐ Presentation and Resources

**Upcoming – Next Meeting September 6<sup>th</sup> – 9:00 a.m.**

- ☐ September 6<sup>th</sup> – Operations and Maintenance Training/BMP's and Good Housekeeping
- ☐ December 6<sup>th</sup> – Post Construction Management

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**St. Clair County MS4 Co-Permittee Group  
Quarterly Meeting Agenda  
September 6, 2022**

**Introductions**

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

**Open Discussion**

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Outstanding Annual Reports
- ☐ Upcoming IEPA Audits – Swansea, Lebanon, ??

**Past Events**

- ☐ June 7<sup>th</sup> Quarterly Meeting
  - Permit Requirement Reminders
  - Sediment and Erosion Control
    - ☐ Construction Site Runoff
    - ☐ Notice of Intent
    - ☐ Flood Management, Water Quality & Non-Point Source Pollution
- ☐ USEPA Inspections

**Permit Requirements Reminders**

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

**Operations and Maintenance / Good Housekeeping Presentation**

- ☐ Presentation and Resources

**Upcoming – Next Meeting Tuesday December 6<sup>th</sup> – 9:00 a.m.**

- ☐ December 6<sup>th</sup> – Post Construction Management
- ☐ March 2023 – Program Year in Review / Annual Reports

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## **St. Clair County MS4 Co-Permittee Group Quarterly Meeting Agenda December 6, 2022**

### **Introductions**

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

### **Open Discussion**

- ☐ Updated Contact Information for Members
- ☐ Submission of NOI's for Change in Operator
- ☐ Outstanding Annual Reports
- ☐ IEPA / USEPA Audits

### **Past Events**

- ☐ September 6<sup>th</sup> Quarterly Meeting
  - Permit Requirement Reminders
  - Operation and Maintenance / Good Housekeeping
    - ☐ ILR40 Updates
    - ☐ Employee Training Videos and Other Resources
    - ☐ MS4 Audit Preparation
- ☐ USEPA Inspections

### **Permit Requirements Reminders**

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

### **Green Infrastructure / Post-Construction Management Presentation**

- ☐ Presentation and Resources

### **Upcoming – Next Meeting Tuesday March 7<sup>th</sup> – 9:00 a.m.**

- ☐ January - March 2023 – Data Collection Forms & Contract Renewal Letters
- ☐ March 2023 – Program Year in Review / Data Collection & Annual Reports

**St. Clair County**  
**2022 Quarterly Meeting Sign-In Sheets**



## MEETING SIGN-IN SHEET

### ST. CLAIR COUNTY MS4

MS4 QUARTERLY MEETING  
MARCH 8, 2022

| Name             | Municipality             | Email Confirmation                                                               | Data Collection Form Request | NOI Submittal |
|------------------|--------------------------|----------------------------------------------------------------------------------|------------------------------|---------------|
| Sal Elkott       | City of Belleville       | <a href="mailto:selkott@belleville.net">selkott@belleville.net</a>               |                              |               |
| Tim Ahrens       | City of Columbia         | <a href="mailto:tahrens@columbiaillinois.com">tahrens@columbiaillinois.com</a>   | Yes                          | Yes           |
| Chris Volkman    | City of Fairview Heights | <a href="mailto:volkman@cofh.org">volkman@cofh.org</a>                           |                              | Yes           |
| Pae Tolliver Sr. | City of Fairview Heights | <a href="mailto:pae.tolliver@cofh.org">pae.tolliver@cofh.org</a>                 |                              | Yes           |
| Mike Campbell    | Village of Shiloh        | <a href="mailto:mcampbell@shilohil.org">mcampbell@shilohil.org</a>               | Yes                          | Yes           |
| Chris Etling     | Village of Shiloh        | <a href="mailto:cetling@shilohil.org">cetling@shilohil.org</a>                   | Yes                          | Yes           |
| David Miller     | Village of Shiloh        | <a href="mailto:dmiller@shilohil.org">dmiller@shilohil.org</a>                   | Yes                          | Yes           |
| Jon Nolan        | City of O'Fallon         | <a href="mailto:jnolan@ofallon.org">jnolan@ofallon.org</a>                       |                              | Yes           |
| Mark Downs       | O'Fallon Township        | <a href="mailto:markdowns@ofallontownship.com">markdowns@ofallontownship.com</a> |                              |               |
| Sue Gruberman    | St. Clair Township       | <a href="mailto:sue@stclairtownship.com">sue@stclairtownship.com</a>             | Yes                          | Yes           |
| Robert Trentman  | St. Clair Township       | <a href="mailto:roads@stclairtownship.com">roads@stclairtownship.com</a>         | Yes                          | Yes           |
| James Harms      | St. Clair Co. Hwy Dept.  | <a href="mailto:james.harms@co.st-clair.il.us">james.harms@co.st-clair.il.us</a> | Yes                          | Yes           |



|                   |                         |                                                                                  |     |     |
|-------------------|-------------------------|----------------------------------------------------------------------------------|-----|-----|
| Norm Etling       | St. Clair Co. Hwy Dept. | <a href="mailto:norm.etling@co.st-clair.il.us">norm.etling@co.st-clair.il.us</a> | Yes | Yes |
| Phillip J. Little | Village of Caseyville   | <a href="mailto:plittle@caseyville.org">plittle@caseyville.org</a>               | Yes | Yes |
| Brian Reed        | Stookey Township        | <a href="mailto:commissioner@stookey.org">commissioner@stookey.org</a>           | Yes | Yes |
|                   |                         |                                                                                  |     |     |
|                   |                         |                                                                                  |     |     |
|                   |                         |                                                                                  |     |     |
|                   |                         |                                                                                  |     |     |



## MEETING SIGN-IN SHEET

ST. CLAIR COUNTY MS4

21-1034.000

MS4 QUARTERLY MEETING

JUNE 7, 2022

| Name             | Municipality       | Email Confirmation            | Data Collection Form Request | NOI Submittal |
|------------------|--------------------|-------------------------------|------------------------------|---------------|
| 1 John Harty     | Fairview Heights   | harty@cofh.org                |                              |               |
| 2 Brian Reed     | Stookey Township   | commissioner@stookey.org      |                              |               |
| 3 Joe Iliff      | Village of Swansea | jiliff@swanseail.org          |                              |               |
| 4 James Harms    | St. Clair County   | james.harms@co.st-clair.il.us |                              |               |
| 5 Jon Nolan      | City of O'Fallon   | jnolan@ofallon.org            |                              |               |
| 6 Chris Etling   | Village of Shiloh  | cetling@shilohil.org          |                              |               |
| 7 Mike Campbell  | Village of Shiloh  | mcampbell@shilohil.org        |                              |               |
| 8 Wayne Caughman | IEPA               | wayne.caughman@illinois.gov   |                              |               |
| 9 Chris Smith    | City of Columbia   | csmith@columbiaillinois.com   |                              |               |
| 10 Sue Gruberman | St. Clair Twp      | sue@stclairtownship.com       |                              |               |
| 11 Norm Etling   | St. Clair County   | Norm.etling@co.st-clair.il.us |                              |               |
| 12 Jason Poole   | City of Belleville | jpoole@belleville.net         |                              |               |



| Name                 | Municipality            | Email Confirmation             | Data Collection Form Request | NOI Submittal |
|----------------------|-------------------------|--------------------------------|------------------------------|---------------|
| 13 Matt Hamilton     | Village of Dupo         | matth@villageofdupo.org        |                              |               |
| 14 Phillip J. Little | Village of Caseyville   | plittle@caseyville.org         |                              |               |
| 15 Thomas Hill       | City of Cahokia Heights | thill@cahokiaillinois.org      |                              |               |
| 16 Keith Nolden      | City of Cahokia Heights | knolden@cahokiaillinois.org    |                              |               |
| 17 Mike Williams     | Village of Sauget       | villageofsauguet@sbcglobal.net |                              |               |
| 18 Jody McNeese      | City of Lebanon         | jodymcneese@yahoo.com          |                              |               |
| 19 Mark Downs        | O'Fallon Twp            | markdowns@ofallontownship.com  |                              |               |
| 20                   |                         |                                |                              |               |
| 21                   |                         |                                |                              |               |
| 22                   |                         |                                |                              |               |
| 23                   |                         |                                |                              |               |
| 24                   |                         |                                |                              |               |
| 25                   |                         |                                |                              |               |
| 26                   |                         |                                |                              |               |
| 27                   |                         |                                |                              |               |



## MEETING SIGN-IN SHEET

**ST. CLAIR COUNTY MS4**

21-1034.000

MS4 QUARTERLY MEETING

SEPTEMBER 6, 2022

| Name                 | Municipality            | Title                              | Email Confirmation                                               | Cell Phone # |
|----------------------|-------------------------|------------------------------------|------------------------------------------------------------------|--------------|
| 1 Mike Campbell      | Village of Shiloh       | Code Enforcement                   |                                                                  | 618-410-6739 |
| 2 Brian Reed         | Stookey Township        | Highway Commissioner               |                                                                  | 618-520-6787 |
| 3 Sue Gruberman      | St. Clair Township      | Accountant                         |                                                                  |              |
| 4 Bob Trentman       | St. Clair Township      | Road Commissioner                  |                                                                  | 618-660-3639 |
| 5 Tim Ahrens         | City of Columbia        | Assistant City Engineer            |                                                                  | 618-781-6305 |
| 6 Matt Hamilton      | Village of Dupo         | Sewer Plant Operator               |                                                                  | 618-806-9453 |
| 7 Cody Terry         | City of Lebanon         | Superintendent of Streets          | <a href="mailto:streets@lebanonil.org">streets@lebanonil.org</a> | 618-980-7068 |
| 8 James Harms        | St. Clair Co. Hwy Dept. |                                    |                                                                  |              |
| 9 Norm Etling        | St. Clair Co. Hwy Dept. | County Engineer                    |                                                                  |              |
| 10 Chris Etling      | Village of Shiloh       | Director of Public Works           |                                                                  | 618-410-6737 |
| 11 Craig Maue        | City of Belleville      | Assistant Director of Public Works | <a href="mailto:cmaue@belleville.net">cmaue@belleville.net</a>   | 618-920-5834 |
| 12 Phillip J. Little | Village of Caseyville   | Zoning Administrator               |                                                                  | 618-578-0426 |



**Gonzalez Companies, LLC**  
*Engineering – Construction Management*

[www.gonzalezcos.com](http://www.gonzalezcos.com)

| <b>Name</b>       | <b>Municipality</b>      | <b>Title</b>                | <b>Email Confirmation</b> | <b>Cell Phone #</b> |
|-------------------|--------------------------|-----------------------------|---------------------------|---------------------|
| 13 Wayne Caughman | IEPA                     | Engineer                    |                           | 618-791-0105        |
| 14 Joe Iliff      | Village of Swansea       | Building & Zoning Director  |                           | 417-655-7967        |
| 15 John Harty     | City of Fairview Heights | Director of Public Works    |                           | 618-791-4071        |
| 16 Mike Williams  | Village of Sauget        | Maintenance Dept.           |                           | 618-779-0449        |
| 17 Jon Nolan      | City of O'Fallon         | Engineering Project Manager |                           | 618-971-8668        |
| 18 Sal Elkott     | City of Belleville       | City Engineer               |                           |                     |
| 19 Tony Schenk    | Gonzalez Companies       |                             |                           |                     |
| 20 Tammy Mezo     | Gonzalez Companies       |                             |                           |                     |
| 21                |                          |                             |                           |                     |
| 22                |                          |                             |                           |                     |
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| 29                |                          |                             |                           |                     |

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



## MEETING SIGN-IN SHEET

ST. CLAIR COUNTY MS4

21-1034.000

MS4 QUARTERLY MEETING

DECEMBER 6, 2022

| Name                 | Municipality               | Title                           | Email Confirmation                                                                 | Cell Phone # |
|----------------------|----------------------------|---------------------------------|------------------------------------------------------------------------------------|--------------|
| 1 Candiac Pearson    | City of East St. Louis     | Public Works / Admin. Assistant | cpearson@cesl.us                                                                   | 618-541-3013 |
| 2 Chris Etling       | Village of Shiloh          | Director of Public Works        | <a href="mailto:cetling@shilohil.org">cetling@shilohil.org</a>                     | 618-410-6737 |
| 3 Mike Campbell      | Village of Shiloh          | Code Enforcement                | <a href="mailto:mcampbell@shilohil.org">mcampbell@shilohil.org</a>                 | 618-410-6739 |
| 4 James Harms        | St. Clair County Hwy Dept. |                                 | <a href="mailto:james.harms@co.st-clair.il.us">james.harms@co.st-clair.il.us</a>   |              |
| 5 Norm Etling        | St. Clair County Hwy Dept. | County Engineer                 | <a href="mailto:norm.etling@co.st-clair.il.us">norm.etling@co.st-clair.il.us</a>   |              |
| 6 Craig Maue         | City of Belleville         | Assistant Director Public Works | <a href="mailto:cmaue@belleville.net">cmaue@belleville.net</a>                     | 618-920-5834 |
| 7 Mike Williams      | Village of Sauget          | Supervisor Maintenance Dept.    | <a href="mailto:villageofsauguet@sbcglobal.net">villageofsauguet@sbcglobal.net</a> | 618-779-0449 |
| 8 Mark Downs         | O'Fallon Township          | Highway Commissioner            | <a href="mailto:markdowns@ofallontownship.com">markdowns@ofallontownship.com</a>   |              |
| 9 Chris Smith        | City of Columbia           | City Engineer                   | <a href="mailto:csmith@columbiaillinois.com">csmith@columbiaillinois.com</a>       |              |
| 10 John Harty        | City of Fairview Heights   | Director of Public Works        | <a href="mailto:harty@cofh.org">harty@cofh.org</a>                                 | 618-791-4071 |
| 11 Jon Nolan         | City of O'Fallon           | Project Manager                 | <a href="mailto:jnolan@ofallon.org">jnolan@ofallon.org</a>                         | 618-971-8668 |
| 12 Phillip J. Little | Village of Caseyville      | Zoning Administrator            | <a href="mailto:plittle@caseyville.org">plittle@caseyville.org</a>                 | 618-578-0426 |



**Gonzalez Companies, LLC**  
Engineering – Construction Management

[www.gonzalezcos.com](http://www.gonzalezcos.com)

| Name              | Municipality            | Title                      | Email Confirmation           | Cell Phone # |
|-------------------|-------------------------|----------------------------|------------------------------|--------------|
| 13 Joe Iliff      | Village of Swansea      | Building & Zoning Director | jiliff@swanseail.org         | 417-655-7967 |
| 14 Tim Ahrens     | City of Columbia        | Assistant City Engineer    | tahrens@columbiaillinois.com | 618-781-6305 |
| 15 Tom Hill       | City of Cahokia Heights | Assistant Supervisor       | thill@cahokiaillinois.org    |              |
| 16 Keith Nolden   | City of Cahokia Heights | Assistant Director         | knolden@cahokiaillinois.org  |              |
| 17 Wayne Caughman | IEPA                    |                            |                              |              |
| 18 Tony Schenk    | Gonzalez Companies      |                            |                              |              |
| 19 Jon Schaller   | Gonzalez Companies      |                            |                              |              |
| 20 Tammy Mezo     | Gonzalez Companies      |                            |                              |              |
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EXHIBIT B.3-D

**2022 Quarterly Meeting  
Attendance Certificates**



# Certificate of Attendance

Chris Volkman, City of Fairview Heights  
Participated in:

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

Presented by  
Tony Schenk

1 PDH is awarded for participation

March 8, 2022



---

Tony Schenk  
Project Manager  
Gonzalez Companies, LLC



# Certificate of Attendance

**Pae Tolliver, City of Fairview Heights**  
Participated in:

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

Presented by  
Tony Schenk

1 PDH is awarded for participation

March 8, 2022



---

Tony Schenk  
Project Manager  
Gonzalez Companies, LLC



# Certificate of Attendance

John Harty Participated in:

MS4 training that included  
“Sediment and Erosion Control BMP's”

Presented by  
Tony Schenk

1 PDH is awarded for participation

June 7, 2022



---

Tony Schenk  
Project Manager  
Gonzalez Companies, LLC



# Certificate of Attendance

John Harty Participated in:

MS4 training that included  
“Operations/Maintenance/Good Housekeeping”

Presented by  
Tony Schenk

1 PDH is awarded for participation

September 6, 2022



---

Tony Schenk  
Project Manager  
Gonzalez Companies, LLC



# Certificate of Attendance

John Harty Participated in:

MS4 training that included  
“Post Construction Stormwater Management”

Presented by

Jon Schaller

1 PDH is awarded for participation

December 6, 2022



---

Tony Schenk  
Project Manager  
Gonzalez Companies, LLC

**2022 Quarterly Meeting  
Training Completion Certificates**



# Certificate of Completion

John Harty  
Name

“Erosion and Sediment Control Best  
Management Practices”

1 PDH is awarded for participation

June 7, 2022

---

Tony Schenk  
Project Manager  
Gonzalez Companies, LLC



# Certificate of Completion

John Harty

Name

“Operations and Maintenance /  
Good Housekeeping Practices”

1 PDH is awarded for participation

September 6, 2022

---

Tony Schenk  
Project Manager  
Gonzalez Companies, LLC



# Certificate of Completion

John Harty

Name

## “Post Construction Stormwater Management”

1 PDH is awarded for participation

December 6, 2022

Tony Schenk  
Project Manager  
Gonzalez Companies, LLC

St. Clair County  
Promoted Programs /  
Public Awareness



## ST. CLAIR COUNTY HEALTH DEPARTMENT

19 PUBLIC SQUARE, SUITE 150  
BELLEVILLE, ILLINOIS 62220-1624  
<https://www.co.st-clair.il.us>



### MEMORANDUM

William R. Kreeb  
President, Board of Health

Myla Blandford, MPH, REHS, LEHP  
Executive Director

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

Personal Health

- Maternal-Child  
Health Programs  
618.233.6170  
618.236.0821 fax
- Breast and Cervical Cancer  
618.233.7703  
618.233.7713 fax

Environmental Health

- 618.233.7769
- 618.236.0676 fax

Like and Follow us on:  
Facebook: @SCC.HealthDepartment  
Twitter: @stclairhealth



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

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

Date: August 19, 2022

RE: **LOCAL GOVERNMENT ONLY Used Tire Collection 2022**

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 20, 2022 and Wednesday, September 21, 2022 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 insure that mud and comingled waste materials (i.e. rocks/bricks, lumber, and garbage are removed from each load PRIOR to delivery.**

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

Michael Gates  
St. Clair County Health Dept.  
618-825-4451 office  
[michael.gates@co.st-clair.il.us](mailto:michael.gates@co.st-clair.il.us)

Jacob McQuaid  
IEPA  
618-346-5142 office  
[Jacob.McQuaid@illinois.gov](mailto:Jacob.McQuaid@illinois.gov)

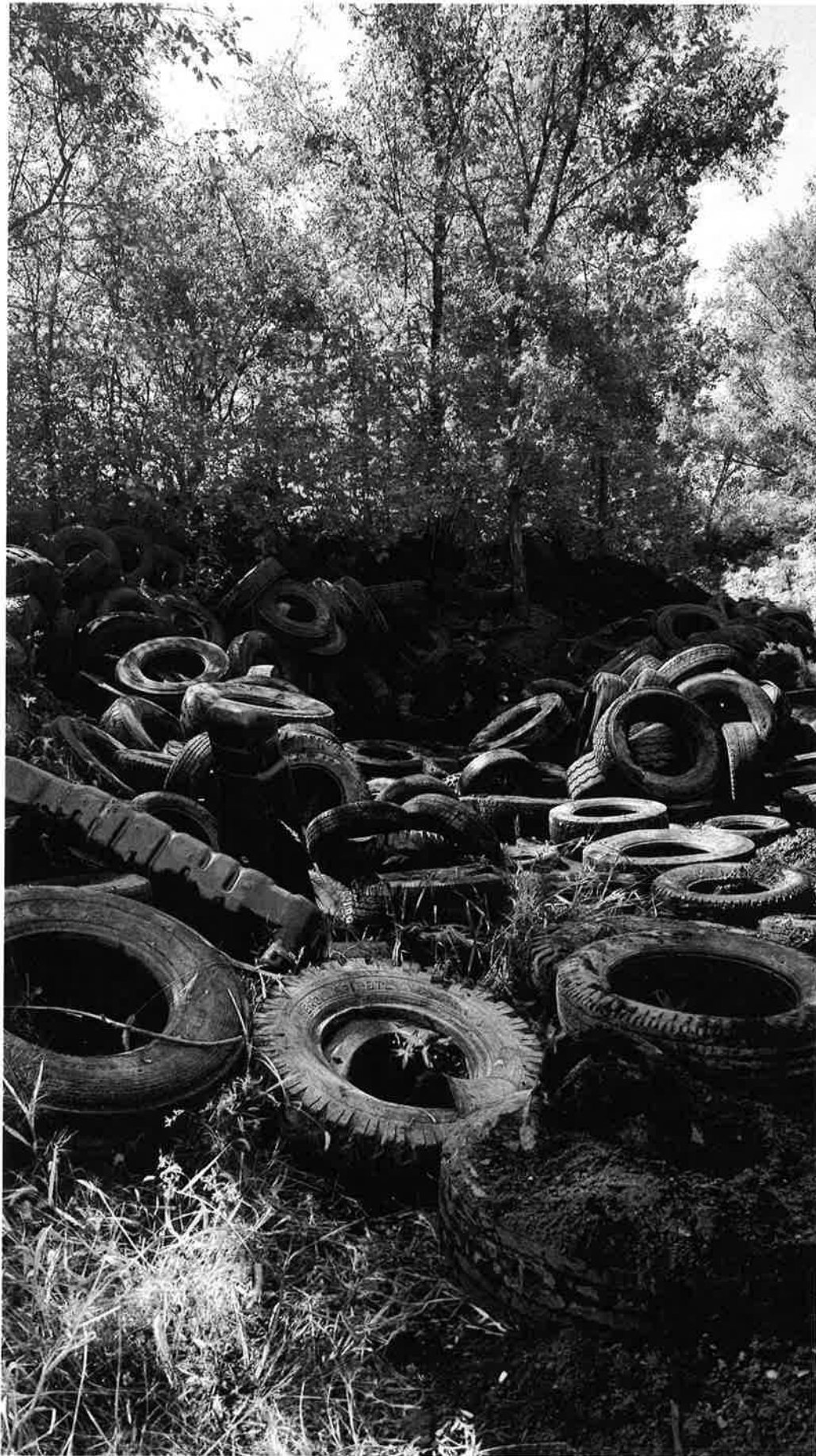
## Tammy Mezo

---

**From:** Michael Suarez <michaelsuarez30@yahoo.com>  
**Sent:** Wednesday, September 21, 2022 2:56 PM  
**To:** Norm Etling; Randy Georgen  
**Subject:** Tires

We took 18 loads of tires today for the recycling of tires.

Michael





## Waste Management Clean Sweep Tickets

| April - June 2022 |          |      | July - December 2022 |          |       | January - February 2023 |          |      |
|-------------------|----------|------|----------------------|----------|-------|-------------------------|----------|------|
| Ticket #          | Date     | Tons | Ticket #             | Date     | Tons  | Ticket #                | Date     | Tons |
| 1826115           | 04/18/22 | 6.99 | 1844212              | 07/06/22 | 1.53  | 1887668                 | 01/11/23 | 3.72 |
| 1826378           | 04/19/22 | 4.74 | 1846198              |          | 1.79  | 1889368                 | 01/19/23 | 4.11 |
| 1826963           | 04/21/22 | 5.81 | 1847243              | 07/19/22 | 5.10  | 1889402                 | 01/19/23 | 1.96 |
| 1827823           | 04/26/22 | 5.96 | 1847980              | 07/21/22 | 4.26  | 1890106                 | 01/23/23 | 6.83 |
| 1827970           | 04/26/22 | 4.47 | 1849203              | 07/27/22 | 7.61  | 1890106                 | 01/23/23 | 6.83 |
| 1828510           | 04/28/22 | 3.04 | 1850831              | 08/02/22 | 6.92  | 1890280                 | 01/24/23 | 5.59 |
| 1829266           | 05/02/22 | 6.02 | 1850960              | 08/02/22 | 7.63  | 1890425                 | 01/24/23 | 6.92 |
| 1829547           | 05/03/22 | 7.36 | 1851205              | 08/03/22 | 0.73  | 1890680                 | 01/26/23 | 6.62 |
| 1829846           | 05/04/22 | 6.61 | 1851262              | 08/03/22 | 2.68  | 1891501                 | 01/30/23 | 7.32 |
| 1831676           | 05/12/22 | 5.85 | 1851263              | 08/03/22 | 7.61  | 1892105                 | 02/01/23 | 5.36 |
| 1832325           | 05/16/22 | 6.56 | 1851569              | 08/04/22 | 2.28  | 1893425                 | 02/07/23 | 6.31 |
| 1832539           | 05/17/22 | 4.68 | 1852903              | 08/09/22 | 9.30  | 1894048                 | 02/09/23 | 3.32 |
| 1832666           | 05/17/22 | 6.33 | 1853639              | 08/11/22 | 6.81  | 1894886                 | 02/14/23 | 7.64 |
| 1833177           | 05/19/22 | 3.75 | 1854911              | 08/16/22 | 1.38  | 1895083                 | 02/14/23 | 0.94 |
| 1833934           | 05/23/22 | 7.88 | 1854929              | 08/16/22 | 8.49  | 1895146                 | 02/14/22 | 1.91 |
| 1834119           | 05/24/22 | 7.03 | 1854962              | 08/16/22 | 1.49  | 1895319                 | 02/15/23 | 4.49 |
| 1834294           | 05/24/22 | 1.03 | 1855020              | 08/16/22 | 6.95  | 1895248                 | 02/15/23 | 2.15 |
| 1834303           | 05/24/22 | 6.35 | 1856960              | 08/23/22 | 8.32  | 1895258                 | 02/15/23 | 3.41 |
| 1834527           | 05/25/22 | 6.23 | 1857856              | 08/25/22 | 3.15  | 1895273                 | 02/15/23 | 5.74 |
| 1834669           | 05/25/22 | 4.40 | 1859051              | 08/30/22 | 6.88  | 1895306                 | 02/15/23 | 3.31 |
| 1834753           | 05/25/23 | 2.34 | 1859121              | 08/30/22 | 1.34  | 1895375                 | 02/15/23 | 3.53 |
| 1836091           | 06/01/22 | 3.61 | 1859181              | 08/30/22 | 1.36  | 1895389                 | 02/15/23 | 5.51 |
| 1837102           | 06/06/22 | 0.59 | 1859201              | 08/30/22 | 11.54 | 1895422                 | 02/15/23 | 2.53 |
| 1837263           | 06/06/23 | 7.06 | 1860934              | 09/07/22 | 2.14  | 1895430                 | 02/15/23 | 5.33 |
| 1837274           | 06/06/22 | 0.64 | 1860971              | 09/07/22 | 14.03 | 1895642                 | 02/16/23 | 6.27 |
| 1837432           | 06/07/22 | 0.57 | 1860978              | 09/07/22 | 5.60  | 1895646                 | 02/16/23 | 5.35 |
| 1837439           | 06/07/22 | 6.69 | 1861041              | 09/07/22 | 4.55  |                         |          |      |
| 1837636           | 06/07/22 | 0.93 | 1861075              | 09/07/22 | 13.25 |                         |          |      |
| 1837640           | 06/07/22 | 7.39 | 1861087              | 09/07/22 | 6.22  |                         |          |      |
| 1837817           | 06/08/22 | 0.56 | 1871031              | 10/18/22 | 6.10  |                         |          |      |
| 1837818           | 06/08/22 | 7.02 | 1871635              | 10/20/22 | 2.26  |                         |          |      |
| 1837999           | 06/08/22 | 6.98 | 1872667              | 10/26/22 | 6.46  |                         |          |      |
| 1839003           | 06/13/22 | 4.91 | 1874093              | 11/02/22 | 7.94  |                         |          |      |
| 1839308           | 06/14/22 | 5.64 | 1875747              | 11/09/22 | 4.67  |                         |          |      |
| 1839645           | 06/15/22 | 8.15 | 1876735              | 11/14/22 | 3.70  |                         |          |      |
| 1839922           | 06/16/22 | 3.79 | 1880986              | 12/05/22 | 5.15  |                         |          |      |
| 1841012           | 06/21/22 | 5.91 | 1881503              | 12/07/22 | 6.56  |                         |          |      |
| 1842306           | 06/27/22 | 0.28 | 1883555              | 12/19/22 | 5.45  |                         |          |      |
| 1842375           | 06/27/22 | 0.85 | 1884151              | 12/21/22 | 0.81  |                         |          |      |
| 1842536           | 06/28/22 | 4.79 |                      |          |       |                         |          |      |
| 1842936           |          | 2.18 |                      |          |       |                         |          |      |

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.

#### What is a Watershed?

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

## 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](http://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/nrsc/main/il/plantsanimals/](http://www.nrcs.usda.gov/wps/portal/nrsc/main/il/plantsanimals/)
- ◆ Native Tree/Shrub Information at Conserve Lake County website: <http://www.conservelakecounty.org/images/pdf/native-trees-and-shrubs-lake-county-illinois.pdf>
- ◆ Tree and plant descriptions—Morton Arboretum: <http://www.mortonarb.org/trees-plants/tree-plant-descriptions>
- ◆ Purchasing Native Plants—IL Native Plant Society—[www.ill-inps.org/](http://www.ill-inps.org/)
- ◆ Midwest Invasive Plant Network—Invasive Species Alternatives : <http://www.mipn.org/publications>

### SHORELINE MNGT., POLLUTANTS, & WATER QUALITY

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

### SOIL TESTING

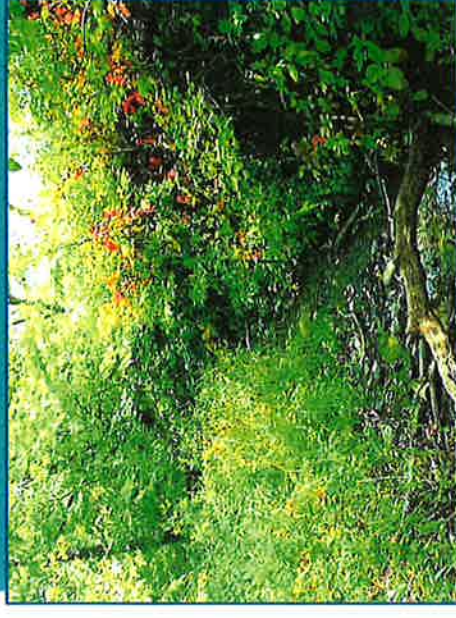
- ◆ University of Illinois Extension—Grayslake, IL <http://extension.illinois.edu/soiltest/>

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

### PUBLISHED (FEBRUARY 2016)

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

# LIVING ON THE WATER'S EDGE



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



# Best Management Practices for Properties Adjacent to Streams and Lakes

## DON'T DUMP!

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

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

## FERTILIZE WISELY

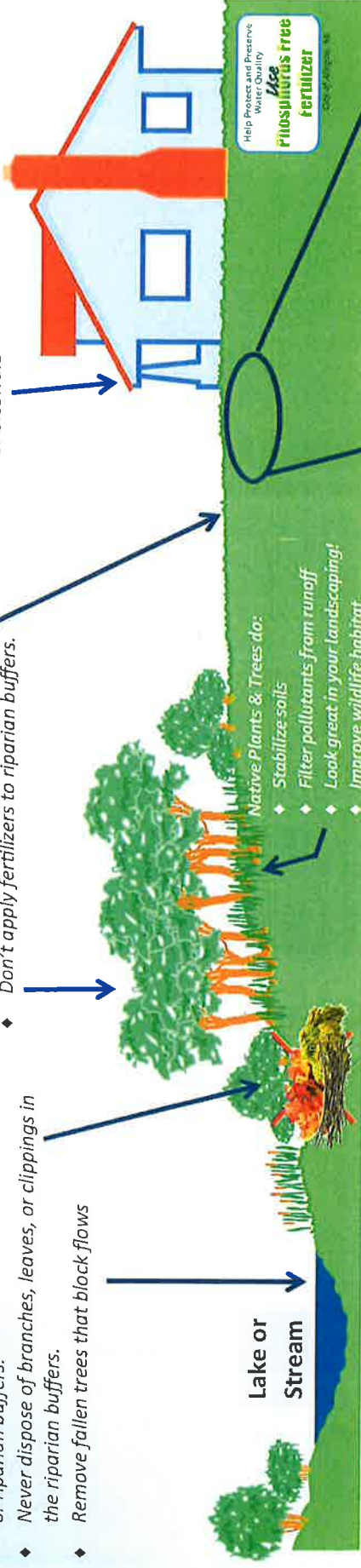
One of the largest problems in Lake County streams and lakes is high amount of nutrients, which produce excessive growth of algae and other undesirable aquatic plants.

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

## MINIMIZE STORMWATER RUNOFF

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

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



## RIPARIAN BUFFER

### RIGHT PLANT—RIGHT PLACE!

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

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



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

## REFERENCES

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

# ST. CLAIR COUNTY'S RESIDENT STORMWATER GUIDE



*For more information*

St. Clair County Planning and Zoning Department  
10 Public Square, Room B561  
Belleville, IL, 62220  
(618) 277-6660

St. Clair County Health Department  
Pollution Prevention Program  
19 Public Square, Suite 150  
Belleville, IL 62220  
(618) 233-7769



[www.epa.gov](http://www.epa.gov)



## Seven Simple Steps to Clean Water

- 1 Help keep pollution out of storm drains
- 2 Fertilize sparingly and carefully
- 3 Carefully store and dispose of household cleaners, chemicals, and oil
- 4 Clean up after your pet
- 5 Practice good car care
- 6 Choose earth-friendly landscaping
- 7 Save water

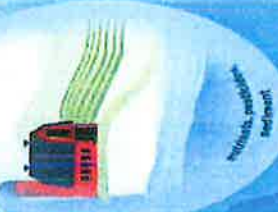
**Our Water. Our Future. Ours to Protect.**

# Preventing Polluted Runoff

## Everybody's Business



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



Farmers can prevent polluted runoff by managing soil and getting fertilizing, pesticides and herbicides out of the house and yard.



Businesses and industries can prevent polluted runoff by using low impact development and providing accurate information to customers.

Developers and planners can prevent polluted runoff by using low impact development and providing accurate information to customers.



For more information

St. Clair County Planning and Zoning Department  
10 Public Square, Room B561  
Belleville, IL, 62220  
(618) 277-6660

St. Clair County Health Department  
Pollution Prevention Program  
19 Public Square, Suite 150  
Belleville, IL 62220  
(618) 233-7769



[www.epa.gov](http://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.*

**DON'T DUMP**  
Oil, paint, and other pollutants into storm drains.

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.

**Adopt a Stream**

St. Clair County / City of Fairview Heights  
Public Meeting Agendas



**ST. CLAIR COUNTY  
DEPARTMENT OF ROADS & BRIDGES**

1415 North Belt West  
Belleville, IL 62226-5999

Mark Kern, County Board Chairman  
Norman Etling, P.E., County Engineer  
Randy Georgen, P.E., Asst. County Engineer

Phone: (618) 233-1392  
Fax: (618) 233-0996

**TRANSPORTATION COMMITTEE  
AGENDA**

**Scheduled for Monday January 30, 2023  
6:00 PM County Court House  
Conference Room B 564**

**Meeting called to order with the Pledge of Allegiance**

**Approval of minutes from the 12-19-2022 meeting**

**Comments on the Agenda**

**Comments from the audience**

**Please state name, address and keep to about 2 minutes.**

**Informational 1) MS4 update**

- Action Items**
- 1) Advise the County Engineer to accept the Guthrie Estates Minor Subdivision contingent upon the approval of the Health Department.**
  - 2) Approve the Roads and Bridges Five Year Capital Improvement Plan**
  - 3) Accept the Contract with the International Association of Machinists and Aerospace workers as approved by the Labor Committee.**
  - 4) Modification to Highway Permit to include 30 ILCS 500/30-22**

**Resolutions:**

- A) Resolution authorizing i3 Broadband to install conduit for a communication line easterly approximately 5,540 feet along the south side of Thouvenout Lane to 1,380 feet east of the intersection of Hartman Lane.**
- B) Resolution authorizing i3 Broadband to install conduit for a communication line heading north and south along the east side of Hartman Lane approximately 1,980 feet from Thouvenout Lane.**
- C) Resolution approving i3 Broadband to install conduit for a communication line heading north and south along the east side of Old Collinsville Road 2,250 feet from Thouvenout Road**

- D) Resolution authorizing the Village off Swansea to install a bored and encased sanitary sewer force main under Sullivan Drive, County Highway 81.
- E) Resolution authorizing a cost-plus contract with Thouvenout, Wade and Moerchen to design and prepare plans and specifications in the amount of \$71980.00 for the improvements to Lebanon Avenue and Old Collinsville Road Section 22-00276-13-PV to be paid out of the County Rebuild Fund.
- F) Resolution authorizing execution of permits for SCCTD to access the Right of Way on Old IL Rt 158 for construction of the light rail extension subject to approval by the County Engineer.
- G). Resolution authorizing a joint agreement between St. Clair County, IDOT and the City of Belleville for funding the intersection of Frank Scott Parkway and the North Belt Line. To be paid out of matching funds.
- H) Authorize the execution of a joint agreement with SCCTD for the Old Collinsville Road Trail Phase 3.

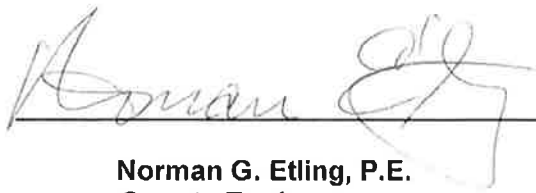
### **Engineer's Report**

Letting for the intersection of FSP and N Belt West and Waterloo Road Drainage Improvements in March  
Flashing light at Scott Troy and O'Fallon Troy replaced  
IDOT meeting 1-5-2023  
Air Show meeting 1-12-2023  
EWG Executive Advisory Meeting 1-17-2023  
Pipeline Safety Class 1-17-2023.  
IACE meeting with IDOT 1-24-2023  
1-31-2023 meeting with Dierbergs about SE corner of Greenmount and FSP  
Survey work on 17<sup>th</sup> Street underway  
HVAC at shop replaced  
Review Highway Plat for Greenmount Road widening from Lebanon Avenue to IL 161  
Closing out 2022 projects as able  
End of 2022 material inventory sent to auditor  
Review of intersection design study resubmittal for Metrolink Extension

### **Old Business**

### **New Business**

### **Adjournment**



Handwritten signature of Norman G. Etling in black ink, written over a horizontal line.

**Norman G. Etling, P.E.  
County Engineer**

**TRANSPORTATION COMMITTEE**  
**Minutes Monday January 30, 2023**  
**6:00 PM County Court House**  
**Conference Room B 564**

**Members in Attendance**

Marty Crawford Vice Chair  
Robert Allen  
Harry Hollingsworth  
Roy Mosley  
Mike O'Donnell  
Robert Trentman

**Guests**

|                 |                 |
|-----------------|-----------------|
| Scott Gruenwald | County Board    |
| Robert Wilhelm  | County Board    |
| Randy Pierce    | News Media      |
| Norman Etling   | County Engineer |

**Members Absent**

Rick Vernier

The Vice Chairman served as Chairman and called the meeting to order with the Pledge of Allegiance at 6:00 PM

Mr. Allen made a motion seconded by Mr. O'Donnell to approve the minutes of the 12-19-2022 meeting. All members present voted aye.

The Chairman asked if there were any comments on the Agenda. None were presented.

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

Informational 1) MS4 update. The Engineer gave a brief description of the program and reporting status. A call for questions or comments was initiated. None were received.

Action Items 1) Advise the County Engineer to accept the Guthrie Estates Minor Subdivision contingent upon the approval of the Health Department. Mr. Allen made a motion seconded by Mr. O' Donnell to approve. All members present voted aye.  
2) Approve the Roads and Bridges Five Year Capital Improvement Plan. Mr. Mosley made a motion seconded by Mr. Allen to approve. All members present voted aye.  
3) Accept the Contract with the International Association of Machinists and Aerospace workers as approved by the Labor Committee. Mr. Mosley made a motion seconded by Mr. Allen to approve. All members present voted aye.  
4) Modification to Highway Permit to include 30 ILCS 500/30-22. Mr. Trentman made a motion seconded by Mr. O'Donnell to approve. All members present voted aye.

## Resolutions:

- A) Resolution authorizing i3 Broadband to install conduit for a communication line easterly approximately 5,540 feet along the south side of Thouvenout Lane to 1,380 feet east of the intersection of Hartman Lane. Mr. Allen made a motion seconded by Mr. Trentman to approve. All members present voted aye
- B) Resolution authorizing i3 Broadband to install conduit for a communication line heading north and south along the east side of Hartman Lane approximately 1,980 feet from Thouvenout Lane. Mr. Allen made a motion seconded by Mr. O'Donnell to approve. All members present voted aye.
- C) Resolution approving i3 Broadband to install conduit for a communication line heading north and south along the east side of Old Collinsville Road 2,250 feet from Thouvenout Road. Mr. O'Donnell made a motion seconded by Mr. Allen to approve. All members present voted aye.
- D) Resolution authorizing the Village of Swansea to install a bored and encased sanitary sewer force main under Sullivan Drive, County Highway 81. Mr. Allen made a motion seconded by Mr. Hollingsworth to approve. All members present voted aye.
- E) Resolution authorizing a cost-plus contract with Thouvenout, Wade and Moerchen to design and prepare plans and specifications in the amount of \$71980.00 for the improvements to Lebanon Avenue and Old Collinsville Road Section 22-00276-13-PV to be paid out of the County Rebuild Fund. Mr. Mosley made a motion seconded by Mr. Allen to approve. All members present voted aye.
- F) Resolution authorizing execution of permits for SCCTD to access the Right of Way on Old IL Rt 158 for construction of the light rail extension subject to approval by the County Engineer. Mr. Allen made a motion seconded by Mr. O'Donnell to approve. All members present voted aye.
- G). Resolution authorizing a joint agreement between St. Clair County, IDOT and the City of Belleville for funding the intersection of Frank Scott Parkway and the North Belt Line. To be paid out of matching funds. Mr. O'Donnell made a motion seconded by Mr. Mosley to approve. All members present voted aye.
- H) Authorize the execution of a joint agreement with SCCTD for the Old Collinsville Road Trail Phase 3. Mr. Allen made a motion seconded by Mr. Mosley to approve. All members present voted aye.

## Engineer's Report

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Survey work on 17<sup>th</sup> Street underway

HVAC at shop replaced

Review Highway Plat for Greenmount Road widening from Lebanon Avenue to IL 161

Closing out 2022 projects as able

End of 2022 material inventory sent to auditor

Review of intersection design study resubmittal for Metrolink Extension

The engineer advised a report on the CK&L of I Lake was sent to the States Attorney for review and Comment.

The Chairman asked if there was any Old Business. None was presented.

The Chairman asked if there was any New Business. Mr. Trentman asked the engineer to look at the stop sign at IL 158 and FSP.

Mr. Mosley asked the engineer to review current management pay structure considering the new union contract.

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

The Chairman adjourned the meeting at 6:31 PM

Committee Members:  
Josh Frawley  
Anthony LeFlore  
Brenda Wagner  
Pat Peck  
Bill Poletti

**AGENDA  
OPERATIONS COMMITTEE**

**Wednesday, December 14, 2022, 7:00 p.m.**

**Council Chambers**

**Fairview Heights City Hall**

**10025 Bunkum Road**

**or**

**Conference Bridge Below for Public Participation**

**Phone Number: 1-786-535-3211 Access Code: 808-004-661**

**Please mute your phone during the meeting**

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**Roll Call**

**Public Participation**

**Approval of Minutes – November 9, 2022**

**Law Enforcement  
Alderman Josh Frawley**

1. **Replacement of Outdoor Warning Sirens**
2. **Statement of the Department**

**Public Works  
Alderman Bill Poletti**

1. **Resolution for Improvement Under the Illinois Highway Code  
Market Place Roundabout**
2. **MS – 4 Municipal Storm Sewer System Report**
3. **Director's Report/Project Updates**

# Memo

**To:** Elected Officials  
**From:** John Harty-Director of Public Works  
**CC:** Directors  
**Date:** December 12, 2022  
**Re:** Director's Report

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**Resolution for Improvement Under the Illinois Highway Code  
Market Place Roundabout  
(Agenda Item 1)**

The Resolution, which has been included in the agenda overview, is essentially a request for authorization to utilize MFT funds. In this case, the request is to offset expenditures associated with the construction engineering necessary for the Market Place roundabout. The Resolution includes a figure of \$120,000.00 as the requested amount which will be utilized to fund both construction engineering and the remaining construction costs.

**MS-4 Municipal Storm Sewer System Report  
(Agenda Item 2)**

This agenda item is a necessary part of our MS-4 storm water permit that we hold as a municipality within an urbanized area with a population density of at least 500 people per square mile. One of the six requirements of the permit is, "public involvement and participation", which will be fulfilled at the Public Works Committee meeting with a brief PowerPoint presentation.

**Director's Report/Project Updates  
(Agenda Item 3)**

- **Lincoln Highway/Old Collinsville Turn Lanes** - This project was completed the week after Thanksgiving with all barricades removed and pavement marking installed. The added turn lanes appear to be moving traffic in a more efficient manner in that intersection.

- **Market Place Roundabout** – There has been little change in the status of this project since the ribbon cutting other than all of the signs have now been installed. The pavement marking is yet to be completed as that operation is temperature dependent.
- **Union Hill Watermain Replacement** – The City of O'Fallon Water Department has contracted with Haier Plumbing to replace the watermain in the vicinity of Union Hill Road and Meckfessel Drive in the South Bountiful neighborhood. I will be attending a preconstruction meeting on Tuesday, December 13 in O'Fallon and will have more to report at the Committee meeting.

### **MOTIONS**

#### **Agenda Item 1**

Move to send to City Council, with the recommendation of approval, the Resolution for Improvement Under the Illinois Highway Code for the Market Place roundabout construction and construction engineering in the amount of \$120,000.00.

**THE CITY OF FAIRVIEW HEIGHTS**  
**OPERATIONS COMMITTEE MINUTES**  
**Wednesday, December 14, 2022, 7:00 p.m.**  
**Council Chambers**  
**Fairview Heights City Hall**  
**Fairview Heights, Illinois**

**Committee Members in attendance** – Aldermen Josh Frawley, Anthony LeFlore, Brenda Wagner, Pat Peck, Bill Poletti, Mayor Mark Kupsky, Ex-officio

**Committee Members absent** – None

**Other Aldermen and Elected Officials in attendance** – City Clerk Karen Kaufhold – video/teleconference, Aldermen Frank Menn, Ryan Vickers (arrived at 7:04), Barb Brumfield – video/teleconference, Harry Zimmerman, Denise Williams

**Staff in attendance** – City Attorney Andrew Hoerner, Finance Director Gina Rader, Parks and Recreation Director Angie Beaston, Police Chief Steven Johnson, Police Captain CJ Beyersdorfer, Public Works Director John Harty, IT Manager Chris Elliott

**Recorder** – Jill Huffman

**Public Participation**

None

**Approval of Minutes, November 9, 2022**

Motion and second to approve minutes were made by Aldermen Peck/Wagner. Roll call vote: Aldermen Frawley – yes, LeFlore – yes, Wagner - yes, Peck - yes, Poletti – yes. Motion carried.

**Law Enforcement Committee**

*Alderman Josh Frawley, Chairman*

**REPLACEMENT OF OUTDOOR WARNING SIRENS**

Alderman Frawley reported that approximately a decade ago, the warning sirens were replaced in the City which was very costly. St. Clair County has received a grant to replace sirens throughout the county including the Fairview Heights' sirens. Currently, the City has four sirens, which would be replaced, and the County would add a fifth siren, at no cost, on the west side of the City.

Captain Beyersdorfer presented a map illustrating the current locations of the City's sirens. The new siren would be located near Winstanley Baptist Church. A minimum of 60 decibels are required from FEMA. The new sirens would be in the 70-80 decibel range.

The Mayor relayed that he supports this important emergency siren upgrade system in the City.

Captain Beyersdorfer stated that on the western edge of the City, near Cracker Barrel, the sirens can be heard, but not as loud due to the topography of the land. The Village of Caseyville will be receiving a siren at Cracker Barrel and Belleville will be receiving one to be located at the top of the hill on Illinois Route 161. Fairview Heights will reap the benefits from the location of those two towers.

Alderman Peck questioned the distance a siren could be heard to which Captain Beyersdorfer replied this is dependent on weather conditions and topography.

Alderman Wagner questioned the cost of the upgrade and installation. Captain Beyersdorfer stated that to replace the four sirens and add a fifth siren including a three-year warranty for maintenance and parts will be at no cost to the City. After three years, the City will be responsible for the cost of parts and labor and the County will be responsible for maintenance and scheduling of repairs. Captain Beyersdorfer stated that in the past, the estimated cost was \$4200 to \$7100 per year for repairs to the current system.

The County will receive a feed from the National Weather Service and activate the sirens county wide.

The Mayor added that if the City desires to activate the sirens within the City, there is a cost of less than \$10,000 to do so. Captain Beyersdorfer stated this would be a one-time cost approximately \$6,000 to \$8,000. If the City feels the need to activate the Fairview Heights' sirens, the City would contact CENCOM (St. Clair County Communication Center). The Mayor stated he thought this would be a benefit for the City to obtain some control over the sirens in the City. Captain Beyersdorfer stated that the initial alert is automatic eliminating the possibility of human error. This option could be added.

Motion and second to forward to City Council with recommendation of approval for the Mayor to enter into an agreement with St. Clair County and approve the Department to participate in the St. Clair County Mass Notification Project by Aldermen Wagner/Poletti. Roll call vote showed Aldermen Frawley – yes, LeFlore – yes, Wagner – yes, Peck – yes, Poletti – yes. Motion carried.

#### **STATEMENT OF THE DEPARTMENT**

The Chief of Police presented his written report to the elected officials for their review.

Chief Johnson commended the staff and professionalism of the officers on their performance. He stated that there has been an increase of advertising on social media regarding the great job of the City's officers of which 34,000 people have viewed.

The Chief noted the professionalism regarding the response to two suicide situations which were resolved without violence or death. Alderman Wagner added that, not only did the officers do an outstanding job in both situations, but the City received a complimentary social media post afterward.

**Public Works Committee**  
*Alderman Bill Poletti, Chairman*

**RESOLUTION FOR IMPROVEMENT UNDER THE ILLINOIS HIGHWAY CODE MARKET PLACE ROUNDABOUT**

The Director of Public Works stated this Resolution is a request submitted to the State to utilize Motor Fuel Tax funds. This request of \$120,000 is for expenses incurred for the Market Place Roundabout for construction engineering as well as the final construction costs. If all of the requested \$120,000 is not utilized, the funds will be returned to the City's MFT unobligated balance. The current unobligated balance is \$4.4 million. This will be presented in the budget adjustments discussed at the Administration Committee Meeting.

Alderman Poletti relayed that this does not impact the City's General Fund, only the Motor Fuel Tax Fund.

Motion and second to forward to City Council with recommendation of approval the Resolution for Improvement Under the Illinois Highway Code for the Market Place roundabout construction and construction engineering in the amount of \$120,000 by Aldermen Peck/LeFlore. Roll call vote showed Aldermen Frawley – yes, LeFlore – yes, Wagner – yes, Peck – yes, Poletti – yes. Motion carried.

**MS-4 MUNICIPAL STORM SEWER SYSTEM REPORT**

Director Harty presented information as required for the MS-4 storm water permit for the City. The participants in the organization are St. Clair County and 19 municipalities/townships. The co-committee group was formed in 2003 as mandated by the US Environmental Protection Agency by the Clean Water Act which requires the City to follow regulations known as the six interim control measures: Public Education and Outreach, Public Participation/Involvement, Illicit Discharge Detection and Elimination, Construction Site Runoff Control, Post-construction Runoff Control, and Pollution Prevention/Good Housekeeping.

A quarterly meeting is held to discuss ideas and management practices at which the Illinois Environmental Protection Agency (IEPA) attends and offers guidance.

Director Harty stated that every five years the City submits a Notice of Intent to the IEPA to address the six interim control measures and annually submits a report to the IEPA explaining the City's progress on those measures. These reports are available to the public on the St. Clair County's and the City's websites. Gonzalez Engineering prepares the City's annual report, and performs the City's water quality testing. Because Gonzalez prepares this information for municipalities, it reduces the overall cost for the preparation of report submissions and testing to approximately \$3,500 annually for the City.

Alderman Wagner questioned if schools could be involved with this program and that a representative could give a presentation to the schools to which the Director replied absolutely as this has been done in the past. Alderman Wagner suggested this should be presented to the schools annually.

Discussed the Trekking for Trash program. The weight and amount of trash collected is recorded and questioned if this would be helpful to the MS4 program to which Director Harty replied definitely and well-worth noting.

Alderman Zimmerman questioned if this program involved any funding for projects to which the Director replied no. This is a program designed for compliance of the Clean Water Act. Alderman Zimmerman mentioned the cleaning of Ogles Creek to which Director Harty will investigate. Alderman Wagner relayed that perhaps there is a potential grant and the participate in the MS-4 program could aid in achieving a grant.

#### **DIRECTOR'S REPORT/PROJECT UPDATES**

The Director of Public Works presented his written report to the elected officials for their review.

Alderman Peck complimented the completion of the work that was performed at US 50 and Old Collinsville Road.

Alderman Wagner complimented the completion of the roundabout and that it is easy to navigate. The Director stated that striping is yet to be completed which is weather dependent.

Alderman Vickers requested a timeline for Laurel, Helen Court, South Point and Susan Court for mill overlay. Two years ago, Caseyville Township Sewer upgraded the sewers in the area. The Director stated the overlay potentially could be accomplished in late spring/early summer.

As soon as the weather is appropriate, the Mark Drive project will commence.

Director Harty mentioned that a preconstruction conference for the waterline replacement on Union Hill Road was held in O'Fallon, and the project will begin the first week of January, weather permitting. O'Fallon will distribute information to property owners. The parking lane on the west side of Union Hill Road will be closed. The tie-in point is at the wedge of the Blue Star memorial/Fairview Heights Animal Hospital to Meckfessel going east, crosses Union Hill Road and continues south on Union Hill Road.

Alderman Poletti requested an update on fiber cable placement. The Director stated he has not heard from Clearwave, but he has been in contact with i3 who has hit several gas mains resulting in the dispatch of the fire department.

**Adjournment 7:43 p.m.**

Submitted By:

---

Recorder

## BMP Training

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

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

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

#### REFERENCES:

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



ST. CLAIR  
COUNTY



ST. CLAIR  
COUNTY

## HELP YOUR WATERSHED!

## 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](http://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](mailto:stormwater@co.st-clair.il.us)



[co.st-clair.il.us/stormwater](http://co.st-clair.il.us/stormwater)

## STORMWATER MANAGEMENT



## BEST MANAGEMENT PRACTICES

618-825-2531

[stormwater@co.st-clair.il.us](mailto:stormwater@co.st-clair.il.us)

[co.st-clair.il.us/stormwater](http://co.st-clair.il.us/stormwater)

# BEST MANAGEMENT PRACTICES

## To Learn More

Visit us at: [co.st-clair.il.us/stormwater](http://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.

## Post Construction Management Training



# Stormwater Phase II Final Rule

## Post-Construction Runoff Control Minimum Control Measure

### Stormwater Phase II Final Rule Fact Sheet Series

#### Overview

1.0 – Stormwater Phase II Final Rule: An Overview

#### Small MS4 Program

2.0 – Small MS4 Stormwater Program Overview

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

2.2 – Urbanized Areas: Definition and Description

#### Minimum Control Measures

2.3 – Public Education and Outreach

2.4 – Public Participation/Involvement

2.5 – Illicit Discharge Detection and Elimination

2.6 – Construction Site Runoff Control

2.7 – Post-Construction Runoff Control

2.8 – Pollution Prevention/Good Housekeeping

2.9 – Permitting and Reporting: The Process and Requirements

2.10 – Federal and State-Operated MS4s: Program Implementation

#### Construction Program

3.0 – Construction Program Overview

3.1 – Construction Rainfall Erosivity Waiver

#### Industrial "No Exposure"

4.0 – Conditional No Exposure Exclusion for Industrial Activity

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

### Why Is The Control of Post-Construction Runoff Necessary?

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

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

### What Is Required?

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

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

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

### What Is Considered a “Redevelopment” Project?

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

### What Are Some Guidelines for Developing and Implementing This Measure?

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

#### ☐ Non-Structural BMPs

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

#### ☐ Structural BMPs

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

- **Infiltration BMPs.** Infiltration BMPs are designed to facilitate the percolation of runoff through the soil to ground water, and, thereby, result in reduced stormwater runoff quantity and reduced mobilization of pollutants. Examples include infiltration basins/trenches, dry wells, and porous pavement.
- **Vegetative BMPs.** Vegetative BMPs are landscaping features that, with optimal design and good soil conditions, remove pollutants, and facilitate percolation of runoff, thereby maintaining natural site hydrology, promoting healthier habitats, and increasing aesthetic appeal. Examples include grassy swales, filter strips, artificial wetlands, and rain gardens.

### What Are Appropriate Measurable Goals?

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

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

### For Additional Information

#### Contacts

- ☛ U.S. EPA Office of Wastewater Management  
<http://www.epa.gov/npdes/stormwater>  
Phone: 202-564-9545
- ☛ Your NPDES Permitting Authority. Most States and Territories are authorized to administer the NPDES Program, except the following, for which EPA is the permitting authority:
- |                      |                          |
|----------------------|--------------------------|
| Alaska               | Guam                     |
| District of Columbia | Johnston Atoll           |
| Idaho                | Midway and Wake Islands  |
| Massachusetts        | Northern Mariana Islands |
| New Hampshire        | Puerto Rico              |
| New Mexico           | Trust Territories        |
| American Samoa       |                          |
- ☛ A list of names and telephone numbers for each EPA Region and State is located at <http://www.epa.gov/npdes/stormwater> (click on "Contacts").

#### Reference Documents

- ☛ EPA's Stormwater Web Site  
<http://www.epa.gov/npdes/stormwater>
- Stormwater Phase II Final Rule Fact Sheet Series
  - Stormwater Phase II Final Rule (64 FR 68722)
  - National Menu of Best Management Practices for Stormwater Phase II
  - Measurable Goals Guidance for Phase II Small MS4s
  - Stormwater Case Studies
  - And many others
- ☛ Other EPA Web sites
- Ordinance Database  
[www.epa.gov/owow/nps/ordinance](http://www.epa.gov/owow/nps/ordinance)
  - Urban Nonpoint Source Guidance  
[www.epa.gov/owow/nps/urbanmm/index.html](http://www.epa.gov/owow/nps/urbanmm/index.html)
  - Low Impact Development Web site  
[www.epa.gov/owow/nps/lid](http://www.epa.gov/owow/nps/lid)

# Stormwater Routine Inspection Form

| Inspection Information          |                       |                |                        |
|---------------------------------|-----------------------|----------------|------------------------|
| Facility Name                   |                       |                |                        |
| Permit Auth. No.                |                       |                |                        |
| Date of Inspection              | Insert Date           | Start/End Time | Insert Start/End Times |
| Inspector's Name(s)             | Insert Names          |                |                        |
| Inspector's Title(s)            | Insert Titles         |                |                        |
| Inspector's Contact Information | Insert Contact Info   |                |                        |
| Inspector's Qualifications      | Insert Qualifications |                |                        |

| Weather Information                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weather at time of this inspection:<br><input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds<br><input type="checkbox"/> Other: _____ Temperature: _____ |
| Have any previously unidentified discharges of pollutants occurred since the last inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>If yes, describe: _____                                                                                                                                             |
| Are there any discharges occurring at the time of inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No<br>If yes, describe: _____                                                                                                                                                                             |

| Control Measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                    |                                                          |                                                                                                                 |                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility. <ul style="list-style-type: none"> <li>Identify if maintenance or corrective action is needed.</li> <li>If maintenance is needed, fill out section B of this template</li> <li>If corrective action is needed, fill out section G of this template</li> </ul> |                                                                    |                                                          |                                                                                                                 |                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Structural Control Measure                                         | Control Measure is Operating Effectively?                | If No, In Need of Maintenance, Repair, or Replacement?                                                          | Maintenance or Corrective Action Needed and Notes |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cover on all waste/recycle containers                              | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | N/A                                               |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Yard Spill Kits                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | N/A                                               |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Fueling Drip Protection<br>Drain Guards<br>Spill Cleanup Materials | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | N/A                                               |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Curbing                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | N/A                                               |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Stormwater drain grate covers                                      | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | N/A                                               |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Established Vegetation                                             | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | N/A                                               |

## Stormwater Routine Inspection Form

### Control Measures

Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.

- Identify if maintenance or corrective action is needed.
- If maintenance is needed, fill out section B of this template
- If corrective action is needed, fill out section G of this template

|    | Structural Control Measure  | Control Measure is Operating Effectively?                | If No, In Need of Maintenance, Repair, or Replacement?                                                          | Maintenance or Corrective Action Needed and Notes     |
|----|-----------------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| 7  | Insert Control Measure Name | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | Describe Maintenance and/or Corrective Actions Needed |
| 8  | Insert Control Measure Name | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | Describe Maintenance and/or Corrective Actions Needed |
| 9  | Insert Control Measure Name | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | Describe Maintenance and/or Corrective Actions Needed |
| 10 | Insert Control Measure Name | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Maintenance<br><input type="checkbox"/> Repair<br><input type="checkbox"/> Replacement | Describe Maintenance and/or Corrective Actions Needed |

### Areas of Industrial Materials or Activities Exposed to Stormwater

Below are some general areas that should be assessed during routine inspections:

- Customize this list as needed for the specific types of industrial materials or activities at your facility that are potential pollutant sources.
- Identify if maintenance or corrective action is needed.
- If maintenance is needed, fill out section B of this template. If corrective action is needed, fill out section G of this template.

|   | Area/Activity                                | Inspected?                                                                            | Controls Adequate (appropriate, effective and operating)? | Maintenance or Corrective Action Needed and Notes     |
|---|----------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|
| 1 | Material loading/unloading and storage areas | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | Describe Maintenance and/or Corrective Actions Needed |
| 2 | Equipment operations and maintenance areas   | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | Describe Maintenance and/or Corrective Actions Needed |
| 3 | Fueling areas                                | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | Describe Maintenance and/or Corrective Actions Needed |
| 4 | Outdoor vehicle and equipment washing areas  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | Describe Maintenance and/or Corrective Actions Needed |
| 5 | Waste handling and disposal areas            | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | Describe Maintenance and/or Corrective Actions Needed |
| 6 | Erodible areas/construction                  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | Describe Maintenance and/or Corrective Actions Needed |
| 7 | Non-stormwater/ illicit connections          | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | Describe Maintenance and/or Corrective Actions Needed |
| 8 | Salt storage piles or pile containing salt   | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | Describe Maintenance and/or Corrective Actions Needed |

## Stormwater Routine Inspection Form

### Areas of Industrial Materials or Activities Exposed to Stormwater

Below are some general areas that should be assessed during routine inspections:

- Customize this list as needed for the specific types of industrial materials or activities at your facility that are potential pollutant sources.
- Identify if maintenance or corrective action is needed.
- If maintenance is needed, fill out section B of this template. If corrective action is needed, fill out section G of this template.

|    | Area/Activity                                                                                                                                                              | Inspected?                                                                            | Controls Adequate (appropriate, effective and operating)? | Maintenance or Corrective Action Needed and Notes |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------|
| 9  | Dust generation and vehicle tracking                                                                                                                                       | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | N/A                                               |
| 10 | Processing areas                                                                                                                                                           | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | N/A                                               |
| 11 | Areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water                                                | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | N/A                                               |
| 12 | Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | N/A                                               |
| 13 | (Other)                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | N/A                                               |
| 14 | (Other)                                                                                                                                                                    | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | <input type="checkbox"/> Yes <input type="checkbox"/> No  | N/A                                               |

### Discharge Points

At discharge points, describe any evidence of, or the potential for, pollutants entering the drainage system. Also describe observations regarding the physical condition of and around all outfalls, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water. Identify if any corrective action is needed.

### Non-Compliance

## Stormwater Routine Inspection Form

Describe any incidents of non-compliance observed and not described above:

### Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:

### Notes

Use this space for any additional notes or observations from the inspection:

### Certification Statement (Refer to permit for Signatory Requirements)

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Name:

B. Title:

C. Signature:

D. Date Signed:

# Stormwater Visual Assessment Form

(Complete a separate form for each assessed outfall)

| Facility Assessment Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--|
| Name of Facility:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                         | Permit Auth. No.                                                                                                     |  |
| Outfall Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                         | "Substantially Identical Discharge Point"? <input type="checkbox"/> Yes <input type="checkbox"/> No                  |  |
| Person(s)/Title(s) collecting sample:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| Person(s)/Title(s) examining sample:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| Date & Time Discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                         | Date & Time Sample Collected:                                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| Substitute Sample? <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| Nature of Discharge: <input type="checkbox"/> Rainfall <input type="checkbox"/> Snowmelt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| Rainfall Amount:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                         | Previous Storm Ended > 72 hours Before Start of This Storm? <input type="checkbox"/> Yes <input type="checkbox"/> No |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| Pollutants Observed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> None <input type="checkbox"/> Other                                                                                                                                                                                                                            | (Describe): _____                                                                                                    |  |
| Odor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> None <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Petroleum/Gas<br><input type="checkbox"/> Solvents <input type="checkbox"/> Other (Describe): _____ |                                                                                                                      |  |
| Clarity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Clear <input type="checkbox"/> Slightly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque <input type="checkbox"/> Other                                                                                                                  |                                                                                                                      |  |
| Floating Solids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____                                                                                                                                                                                                              |                                                                                                                      |  |
| Settled Solids**                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____                                                                                                                                                                                                              |                                                                                                                      |  |
| Suspended Solids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____                                                                                                                                                                                                              |                                                                                                                      |  |
| Foam (gently shake sample)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____                                                                                                                                                                                                              |                                                                                                                      |  |
| Oil Sheen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> None <input type="checkbox"/> Flecks <input type="checkbox"/> Globs <input type="checkbox"/> Sheen <input type="checkbox"/> Slick<br><input type="checkbox"/> Other (Describe): _____                                                                          |                                                                                                                      |  |
| Other Obvious Indicators of Stormwater Pollution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe): _____                                                                                                                                                                                                              |                                                                                                                      |  |
| <p>* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.</p> <p>** Observe for settled solids after allowing the sample to sit for approximately one-half hour.</p>                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| <b>Identify probable sources of any observed stormwater contamination. Also, include any additional comments, descriptions of pictures taken, and any corrective actions necessary below (attach additional sheets as necessary).</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| Certification Statement (Refer to permit for Signatory Requirements)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| <p>"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."</p> |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| A. Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                         | B. Title:                                                                                                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |
| C. Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                         | D. Date Signed:                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                         |                                                                                                                      |  |

# Stormwater Visual Assessment Form

(Complete a separate form for each assessed outfall)

| Facility Assessment Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                   |                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--|
| Name of Facility:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                   | Permit Auth. No.                                                                                                     |  |
| Outfall Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                   | "Substantially Identical Discharge Point"? <input type="checkbox"/> Yes <input type="checkbox"/> No                  |  |
| Person(s)/Title(s) collecting sample:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                   |                                                                                                                      |  |
| Person(s)/Title(s) examining sample:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                   |                                                                                                                      |  |
| Date & Time Discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                   | Date & Time Sample Collected:                                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                   |                                                                                                                      |  |
| Substitute Sample? <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                   |                                                                                                                      |  |
| Nature of Discharge: <input type="checkbox"/> Rainfall <input type="checkbox"/> Snowmelt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                   |                                                                                                                      |  |
| Rainfall Amount:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                   | Previous Storm Ended > 72 hours Before Start of This Storm? <input type="checkbox"/> Yes <input type="checkbox"/> No |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                   |                                                                                                                      |  |
| Pollutants Observed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                   |                                                                                                                      |  |
| Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> None <input type="checkbox"/> Other                                                                                                                                      | (Describe):                                                                                                          |  |
| Odor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> None <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Petroleum/Gas |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> Solvents <input type="checkbox"/> Other (Describe):                                                                                                                      |                                                                                                                      |  |
| Clarity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Clear <input type="checkbox"/> Slightly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque <input type="checkbox"/> Other                            |                                                                                                                      |  |
| Floating Solids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                              |                                                                                                                      |  |
| Settled Solids**                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                              |                                                                                                                      |  |
| Suspended Solids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                              |                                                                                                                      |  |
| Foam (gently shake sample)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                              |                                                                                                                      |  |
| Oil Sheen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> None <input type="checkbox"/> Flecks <input type="checkbox"/> Globs <input type="checkbox"/> Sheen <input type="checkbox"/> Slick                                        |                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> Other (Describe):                                                                                                                                                        |                                                                                                                      |  |
| Other Obvious Indicators of Stormwater Pollution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                              |                                                                                                                      |  |
| <p>* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.</p> <p>** Observe for settled solids after allowing the sample to sit for approximately one-half hour.</p>                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                   |                                                                                                                      |  |
| <p><b>Identify probable sources of any observed stormwater contamination. Also, include any additional comments, descriptions of pictures taken, and any corrective actions necessary below (attach additional sheets as necessary).</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                   |                                                                                                                      |  |
| <p><b>Certification Statement (Refer to permit for Signatory Requirements)</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                   |                                                                                                                      |  |
| <p>"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."</p> |                                                                                                                                                                                                   |                                                                                                                      |  |
| A. Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                   | B. Title:                                                                                                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                   |                                                                                                                      |  |
| C. Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                   | D. Date Signed:                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                   |                                                                                                                      |  |

# Stormwater Visual Assessment Form

(Complete a separate form for each assessed outfall)

| Facility Assessment Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--|
| Name of Facility:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                   | Permit Auth. No.                                                                                                     |  |
| Outfall Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                   | "Substantially Identical Discharge Point"? <input type="checkbox"/> Yes <input type="checkbox"/> No                  |  |
| Person(s)/Title(s) collecting sample:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| Person(s)/Title(s) examining sample:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| Date & Time Discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                   | Date & Time Sample Collected:                                                                                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| Substitute Sample? <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| Nature of Discharge: <input type="checkbox"/> Rainfall <input type="checkbox"/> Snowmelt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| Rainfall Amount:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                   | Previous Storm Ended > 72 hours Before Start of This Storm? <input type="checkbox"/> Yes <input type="checkbox"/> No |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| Pollutants Observed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> None <input type="checkbox"/> Other (Describe):                                                                                                                                                                                                          |                                                                                                                      |  |
| Odor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> None <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Petroleum/Gas<br><input type="checkbox"/> Solvents <input type="checkbox"/> Other (Describe): |                                                                                                                      |  |
| Clarity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> Clear <input type="checkbox"/> Slightly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque <input type="checkbox"/> Other                                                                                                            |                                                                                                                      |  |
| Floating Solids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                                                                                                              |                                                                                                                      |  |
| Settled Solids**                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                                                                                                              |                                                                                                                      |  |
| Suspended Solids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                                                                                                              |                                                                                                                      |  |
| Foam (gently shake sample)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                                                                                                              |                                                                                                                      |  |
| Oil Sheen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <input type="checkbox"/> None <input type="checkbox"/> Flecks <input type="checkbox"/> Globs <input type="checkbox"/> Sheen <input type="checkbox"/> Slick<br><input type="checkbox"/> Other (Describe):                                                                          |                                                                                                                      |  |
| Other Obvious Indicators of Stormwater Pollution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <input type="checkbox"/> No <input type="checkbox"/> Yes (Describe):                                                                                                                                                                                                              |                                                                                                                      |  |
| <p>* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.</p> <p>** Observe for settled solids after allowing the sample to sit for approximately one-half hour.</p>                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| <p><b>Identify probable sources of any observed stormwater contamination. Also, include any additional comments, descriptions of pictures taken, and any corrective actions necessary below (attach additional sheets as necessary).</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| <p><b>Certification Statement (Refer to permit for Signatory Requirements)</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| <p>"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."</p> |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| A. Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                   | B. Title:                                                                                                            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |
| C. Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                   | D. Date Signed:                                                                                                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                   |                                                                                                                      |  |

## EXHIBIT Additional Community Activities-A

### Teklab Results

March 11, 2022

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



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

**RE:** NPDES/Ogles

**WorkOrder:** 22030437

Dear Tony Schenk, P.E.:

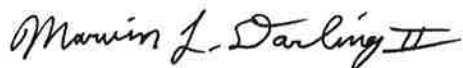
TEKLAB, INC received 2 samples on 3/7/2022 12:45:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



## Report Contents

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

**Client:** Gonzalez Companies, LLC

**Work Order:** 22030437

**Client Project:** NPDES/Ogles

**Report Date:** 11-Mar-22

**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: 22030437

Client Project: NPDES/Ogles

Report Date: 11-Mar-22

### 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:** 22030437

**Client Project:** NPDES/Ogles

**Report Date:** 11-Mar-22

### 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:** 22030437

**Client Project:** NPDES/Ogles

**Report Date:** 11-Mar-22

**Cooler Receipt Temp:** 4.6 °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:** 22030437

**Client Project:** NPDES/Ogles

**Report Date:** 11-Mar-22

| State     | Dept | Cert #  | NELAP | Exp Date  | Lab          |
|-----------|------|---------|-------|-----------|--------------|
| Illinois  | IEPA | 100226  | NELAP | 1/31/2023 | Collinsville |
| Kansas    | KDHE | E-10374 | NELAP | 4/30/2022 | Collinsville |
| Louisiana | LDEQ | 05002   | NELAP | 6/30/2022 | Collinsville |
| Louisiana | LDEQ | 05003   | NELAP | 6/30/2022 | Collinsville |
| Oklahoma  | ODEQ | 9978    | NELAP | 8/31/2022 | Collinsville |
| Arkansas  | ADEQ | 88-0966 |       | 3/14/2022 | Collinsville |
| Illinois  | IDPH | 17584   |       | 5/31/2023 | Collinsville |
| Kentucky  | UST  | 0073    |       | 1/31/2023 | Collinsville |
| Missouri  | MDNR | 00930   |       | 5/31/2023 | Collinsville |
| Missouri  | MDNR | 930     |       | 1/31/2025 | Collinsville |



## Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 22030437

Client Project: NPDES/Ogles

Report Date: 11-Mar-22

Lab ID: 22030437-001

Client Sample ID: Scott Troy

Matrix: AQUEOUS

Collection Date: 03/07/2022 11:41

| Analyses                                                | Certification | RL    | Qual | Result        | Units     | DF  | Date Analyzed    | Batch   |
|---------------------------------------------------------|---------------|-------|------|---------------|-----------|-----|------------------|---------|
| <b>STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER</b> |               |       |      |               |           |     |                  |         |
| Fecal Coliform                                          | *             | 100   |      | <b>700</b>    | CFU/100ml | 100 | 03/07/2022 14:50 | R307930 |
| <b>EPA 1664A</b>                                        |               |       |      |               |           |     |                  |         |
| Hexane Extractable Material                             | NELAP         | 6     |      | <b>&lt; 6</b> | mg/L      | 1   | 03/09/2022 10:41 | R308015 |
| <b>EPA 600 351.2 R2.0, 353.2 R2.0</b>                   |               |       |      |               |           |     |                  |         |
| Nitrogen, Total                                         | *             | 1.0   |      | <b>3.0</b>    | mg/L      | 1   | 03/10/2022 0:00  | R308069 |
| <b>EPA 600 365.4 (TOTAL)</b>                            |               |       |      |               |           |     |                  |         |
| Phosphorus, Total (as P)                                | NELAP         | 0.100 |      | <b>0.346</b>  | mg/L      | 1   | 03/10/2022 11:58 | 188411  |
| <b>STANDARD METHODS 2540 D 1997, 2011</b>               |               |       |      |               |           |     |                  |         |
| Total Suspended Solids                                  | NELAP         | 8     |      | <b>72</b>     | mg/L      | 1.3 | 03/09/2022 10:07 | R308000 |
| <b>STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011</b>    |               |       |      |               |           |     |                  |         |
| Chloride                                                | NELAP         | 40    |      | <b>95</b>     | mg/L      | 10  | 03/07/2022 17:44 | R307876 |



## Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 22030437

Client Project: NPDES/Ogles

Report Date: 11-Mar-22

Lab ID: 22030437-002

Client Sample ID: Old Collinsville

Matrix: AQUEOUS

Collection Date: 03/07/2022 12:10

| Analyses                                                | Certification | RL    | Qual | Result | Units     | DF | Date Analyzed    | Batch   |
|---------------------------------------------------------|---------------|-------|------|--------|-----------|----|------------------|---------|
| <b>STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER</b> |               |       |      |        |           |    |                  |         |
| Fecal Coliform                                          | *             | 10    |      | 730    | CFU/100ml | 10 | 03/07/2022 14:50 | R307930 |
| <b>EPA 1664A</b>                                        |               |       |      |        |           |    |                  |         |
| Hexane Extractable Material                             | NELAP         | 6     |      | < 6    | mg/L      | 1  | 03/09/2022 10:41 | R308015 |
| <b>EPA 600 351.2 R2.0, 353.2 R2.0</b>                   |               |       |      |        |           |    |                  |         |
| Nitrogen, Total                                         | *             | 1.0   |      | 3.8    | mg/L      | 1  | 03/10/2022 0:00  | R308069 |
| <b>EPA 600 365.4 (TOTAL)</b>                            |               |       |      |        |           |    |                  |         |
| Phosphorus, Total (as P)                                | NELAP         | 0.100 |      | 0.877  | mg/L      | 1  | 03/10/2022 12:03 | 188411  |
| <b>STANDARD METHODS 2540 D 1997, 2011</b>               |               |       |      |        |           |    |                  |         |
| Total Suspended Solids                                  | NELAP         | 6     |      | 36     | mg/L      | 1  | 03/09/2022 10:08 | R308000 |
| <b>STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011</b>    |               |       |      |        |           |    |                  |         |
| Chloride                                                | NELAP         | 4     |      | 31     | mg/L      | 1  | 03/07/2022 17:47 | R307876 |



## Receiving Check List

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

Client: Gonzalez Companies, LLC

Work Order: 22030437

Client Project: NPDES/Ogles

Report Date: 11-Mar-22

Carrier: Kendric Hamilton

Received By: PWR

Completed by:

Mary E. Kemp

Reviewed by:

Elizabeth A. Hurley

On:

07-Mar-22

On:

07-Mar-22

Mary E. Kemp

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

|                                                         |                                         |                                         |                                        |                                  |
|---------------------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------|----------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             | Not Present <input type="checkbox"/>   | Temp °C 4.6                      |
| Type of thermal preservation?                           | None <input type="checkbox"/>           | Ice <input checked="" type="checkbox"/> | Blue Ice <input type="checkbox"/>      | Dry Ice <input type="checkbox"/> |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Reported field parameters measured:                     | Field <input type="checkbox"/>          | Lab <input type="checkbox"/>            | NA <input checked="" type="checkbox"/> |                                  |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |

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 <input type="checkbox"/>            | No <input type="checkbox"/> | No VOA vials <input checked="" type="checkbox"/>      |
| Water - TOX containers have zero headspace?               | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | No TOX containers <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/>                           |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/>                |

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

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - MKemp - 3/7/2022 1:39:20 PM

pH strip #78011. - PR/MKemp - 3/7/2022 1:39:21 PM

pg. \_\_\_\_\_ of \_\_\_\_\_ Work order # JHO30937

**(618) 344-1004 - Fax: (618) 344-1005**

[illegible]

Bottle Order: 70607

70607

**BottleOrder:**

April 28, 2022

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



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

**RE:** NPDES/Ogles

**WorkOrder:** 22041350

Dear Tony Schenk, P.E.:

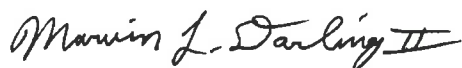
TEKLAB, INC received 2 samples on 4/21/2022 11:55:00 AM for the analysis presented in the following report.

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

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

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

Sincerely,



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



## Report Contents

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

**Client:** Gonzalez Companies, LLC

**Work Order:** 22041350

**Client Project:** NPDES/Ogles

**Report Date:** 28-Apr-22

**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: 22041350

Client Project: NPDES/Ogles

Report Date: 28-Apr-22

### 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 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:** 22041350

**Client Project:** NPDES/Ogles

**Report Date:** 28-Apr-22

### 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:** 22041350

**Client Project:** NPDES/Ogles

**Report Date:** 28-Apr-22

**Cooler Receipt Temp:** 6.2 °C

### Locations

#### Collinsville

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

#### Collinsville Air

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

#### Springfield

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

#### Chicago

**Address** 1319 Butterfield Rd.  
Downers Grove, IL 60515  
**Phone** (630) 324-6855  
**Fax**  
**Email** 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:** 22041350

**Client Project:** NPDES/Ogles

**Report Date:** 28-Apr-22

| State     | Dept | Cert #  | NELAP | Exp Date  | Lab          |
|-----------|------|---------|-------|-----------|--------------|
| Illinois  | IEPA | 100226  | NELAP | 1/31/2023 | Collinsville |
| Kansas    | KDHE | E-10374 | NELAP | 4/30/2022 | Collinsville |
| Louisiana | LDEQ | 05002   | NELAP | 6/30/2022 | Collinsville |
| Louisiana | LDEQ | 05003   | NELAP | 6/30/2022 | Collinsville |
| Oklahoma  | ODEQ | 9978    | NELAP | 8/31/2022 | Collinsville |
| Arkansas  | ADEQ | 88-0966 |       | 3/14/2023 | Collinsville |
| Illinois  | IDPH | 17584   |       | 5/31/2023 | Collinsville |
| Kentucky  | UST  | 0073    |       | 1/31/2023 | Collinsville |
| Missouri  | MDNR | 00930   |       | 5/31/2023 | Collinsville |
| Missouri  | MDNR | 930     |       | 1/31/2025 | Collinsville |



## Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 22041350

Client Project: NPDES/Ogles

Report Date: 28-Apr-22

Lab ID: 22041350-001

Client Sample ID: Scott Troy

Matrix: AQUEOUS

Collection Date: 04/21/2022 10:50

| Analyses                                                | Certification | RL    | Qual | Result  | Units     | DF | Date Analyzed    | Batch   |
|---------------------------------------------------------|---------------|-------|------|---------|-----------|----|------------------|---------|
| <b>STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER</b> |               |       |      |         |           |    |                  |         |
| Fecal Coliform                                          | *             | 10    |      | 890     | CFU/100ml | 10 | 04/21/2022 13:25 | R309926 |
| <b>EPA 1664A</b>                                        |               |       |      |         |           |    |                  |         |
| Hexane Extractable Material                             | NELAP         | 6     |      | < 6     | mg/L      | 1  | 04/27/2022 10:04 | R310175 |
| <b>EPA 600 351.2 R2.0, 353.2 R2.0</b>                   |               |       |      |         |           |    |                  |         |
| Nitrogen, Total                                         | *             | 1.0   |      | 2.1     | mg/L      | 1  | 04/25/2022 0:00  | R309992 |
| <b>EPA 600 365.4 (TOTAL)</b>                            |               |       |      |         |           |    |                  |         |
| Phosphorus, Total (as P)                                | NELAP         | 0.100 |      | < 0.100 | mg/L      | 1  | 04/25/2022 8:58  | 190978  |
| <b>STANDARD METHODS 2540 D 1997, 2011</b>               |               |       |      |         |           |    |                  |         |
| Total Suspended Solids                                  | NELAP         | 6     |      | 8       | mg/L      | 1  | 04/25/2022 13:57 | R310014 |
| <b>STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011</b>    |               |       |      |         |           |    |                  |         |
| Chloride                                                | NELAP         | 1     |      | 35      | mg/L      | 1  | 04/26/2022 19:26 | R310117 |



## Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 22041350

Client Project: NPDES/Ogles

Report Date: 28-Apr-22

Lab ID: 22041350-002

Client Sample ID: Old Collinsville

Matrix: AQUEOUS

Collection Date: 04/21/2022 10:17

| Analyses                                                | Certification | RL    | Qual | Result  | Units     | DF  | Date Analyzed    | Batch   |
|---------------------------------------------------------|---------------|-------|------|---------|-----------|-----|------------------|---------|
| <b>STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER</b> |               |       |      |         |           |     |                  |         |
| Fecal Coliform                                          | *             | 100   |      | 900     | CFU/100ml | 100 | 04/21/2022 13:25 | R309926 |
| <b>EPA 1664A</b>                                        |               |       |      |         |           |     |                  |         |
| Hexane Extractable Material                             | NELAP         | 6     |      | < 6     | mg/L      | 1   | 04/27/2022 10:05 | R310175 |
| <b>EPA 600 351.2 R2.0, 353.2 R2.0</b>                   |               |       |      |         |           |     |                  |         |
| Nitrogen, Total                                         | *             | 1.0   |      | 1.3     | mg/L      | 1   | 04/25/2022 0:00  | R309992 |
| <b>EPA 600 365.4 (TOTAL)</b>                            |               |       |      |         |           |     |                  |         |
| Phosphorus, Total (as P)                                | NELAP         | 0.100 |      | < 0.100 | mg/L      | 1   | 04/25/2022 9:03  | 190978  |
| <b>STANDARD METHODS 2540 D 1997, 2011</b>               |               |       |      |         |           |     |                  |         |
| Total Suspended Solids                                  | NELAP         | 6     |      | < 6     | mg/L      | 1   | 04/25/2022 13:58 | R310014 |
| <b>STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011</b>    |               |       |      |         |           |     |                  |         |
| Chloride                                                | NELAP         | 5     |      | 76      | mg/L      | 5   | 04/26/2022 19:39 | R310117 |



## Receiving Check List

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

Client: Gonzalez Companies, LLC

Work Order: 22041350

Client Project: NPDES/Ogles

Report Date: 28-Apr-22

Carrier: Kendric Hamilton

Received By: MEK

Completed by:

On:

21-Apr-22

Mary E. Kemp

Reviewed by:

On:

21-Apr-22

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

|                                                         |                                         |                                         |                                        |                                  |
|---------------------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------|----------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             | Not Present <input type="checkbox"/>   | Temp °C 6.2                      |
| Type of thermal preservation?                           | None <input type="checkbox"/>           | Ice <input checked="" type="checkbox"/> | Blue Ice <input type="checkbox"/>      | Dry Ice <input type="checkbox"/> |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Reported field parameters measured:                     | Field <input type="checkbox"/>          | Lab <input type="checkbox"/>            | NA <input checked="" type="checkbox"/> |                                  |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |

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 <input type="checkbox"/>            | No <input type="checkbox"/> | No VOA vials <input checked="" type="checkbox"/>      |
| Water - TOX containers have zero headspace?               | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | No TOX containers <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/>                           |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/>                |

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

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - MKemp - 4/21/2022 12:30:01 PM

pH strip #78198. - MKemp - 4/21/2022 12:30:08 PM

pg. of Work order # 22041350

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

[illegible]

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](http://www.teklabinc.com) for terms and conditions.

Bottle Order: 71566



2/1/20

August 23, 2022

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



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

**RE:** NPDES/Ogles

**WorkOrder:** 22081140

Dear Tony Schenk, P.E.:

TEKLAB, INC received 2 samples on 8/16/2022 1:55:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



## Report Contents

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

**Client:** Gonzalez Companies, LLC

**Work Order:** 22081140

**Client Project:** NPDES/Ogles

**Report Date:** 23-Aug-22

**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 |



## Definitions

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

Client: Gonzalez Companies, LLC

Work Order: 22081140

Client Project: NPDES/Ogles

Report Date: 23-Aug-22

### 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:** 22081140

**Client Project:** NPDES/Ogles

**Report Date:** 23-Aug-22

### 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:** 22081140

**Client Project:** NPDES/Ogles

**Report Date:** 23-Aug-22

**Cooler Receipt Temp:** 14.8 °C

### Locations

#### Collinsville

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

#### Collinsville Air

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

#### Springfield

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

#### Chicago

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

#### Kansas City

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



## Accreditations

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

Client: Gonzalez Companies, LLC

Work Order: 22081140

Client Project: NPDES/Ogles

Report Date: 23-Aug-22

| State     | Dept | Cert #  | NELAP | Exp Date  | Lab          |
|-----------|------|---------|-------|-----------|--------------|
| Illinois  | IEPA | 100226  | NELAP | 1/31/2023 | Collinsville |
| Kansas    | KDHE | E-10374 | NELAP | 4/30/2023 | Collinsville |
| Louisiana | LDEQ | 05002   | NELAP | 6/30/2023 | Collinsville |
| Louisiana | LDEQ | 05003   | NELAP | 6/30/2023 | Collinsville |
| Oklahoma  | ODEQ | 9978    | NELAP | 8/31/2022 | Collinsville |
| Arkansas  | ADEQ | 88-0966 |       | 3/14/2023 | Collinsville |
| Illinois  | IDPH | 17584   |       | 5/31/2023 | Collinsville |
| Iowa      | IDNR | 430     |       | 6/1/2024  | Collinsville |
| Kentucky  | UST  | 0073    |       | 1/31/2023 | Collinsville |
| Missouri  | MDNR | 00930   |       | 5/31/2023 | Collinsville |
| Missouri  | MDNR | 930     |       | 1/31/2025 | Collinsville |



## Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 22081140

Client Project: NPDES/Ogles

Report Date: 23-Aug-22

Lab ID: 22081140-001

Client Sample ID: Scott Troy

Matrix: AQUEOUS

Collection Date: 08/16/2022 12:40

| Analyses                                                | Certification | RL    | Qual | Result | Units     | DF  | Date Analyzed    | Batch   |
|---------------------------------------------------------|---------------|-------|------|--------|-----------|-----|------------------|---------|
| <b>STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER</b> |               |       |      |        |           |     |                  |         |
| Fecal Coliform                                          | *             | 100   |      | 600    | CFU/100ml | 100 | 08/16/2022 15:13 | R315891 |
| <b>EPA 1664A</b>                                        |               |       |      |        |           |     |                  |         |
| Hexane Extractable Material                             | NELAP         | 6     |      | < 6    | mg/L      | 1   | 08/18/2022 10:12 | R316016 |
| <b>EPA 600 351.2 R2.0, 353.2 R2.0</b>                   |               |       |      |        |           |     |                  |         |
| Nitrogen, Total                                         | *             | 1.0   |      | 4.6    | mg/L      | 1   | 08/19/2022 0:00  | R316048 |
| <b>EPA 600 365.4 (TOTAL)</b>                            |               |       |      |        |           |     |                  |         |
| Phosphorus, Total (as P)                                | NELAP         | 0.100 |      | 0.432  | mg/L      | 1   | 08/18/2022 9:14  | 195705  |
| <b>STANDARD METHODS 2540 D 1997, 2011</b>               |               |       |      |        |           |     |                  |         |
| Total Suspended Solids                                  | NELAP         | 6     |      | < 6    | mg/L      | 1   | 08/18/2022 10:14 | R315979 |
| <b>STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011</b>    |               |       |      |        |           |     |                  |         |
| Chloride                                                | NELAP         | 10    |      | 124    | mg/L      | 10  | 08/17/2022 17:11 | R315958 |



## Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 22081140

Client Project: NPDES/Ogles

Report Date: 23-Aug-22

Lab ID: 22081140-002

Client Sample ID: Old Collinsville

Matrix: AQUEOUS

Collection Date: 08/16/2022 13:15

| Analyses                                                                                                             | Certification | RL    | Qual | Result       | Units     | DF  | Date Analyzed    | Batch   |
|----------------------------------------------------------------------------------------------------------------------|---------------|-------|------|--------------|-----------|-----|------------------|---------|
| <b>STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER</b>                                                              |               |       |      |              |           |     |                  |         |
| Fecal Coliform                                                                                                       | *             | 100   |      | <b>CG</b>    | CFU/100ml | 100 | 08/16/2022 15:13 | R315891 |
| <i>CG – Confluent growth covering all or part of the filtration area making colonies indistinct, with coliforms.</i> |               |       |      |              |           |     |                  |         |
| <b>EPA 1664A</b>                                                                                                     |               |       |      |              |           |     |                  |         |
| Hexane Extractable Material                                                                                          | NELAP         | 6     |      | <b>6</b>     | mg/L      | 1   | 08/18/2022 10:12 | R316016 |
| <b>EPA 600 351.2 R2.0, 353.2 R2.0</b>                                                                                |               |       |      |              |           |     |                  |         |
| Nitrogen, Total                                                                                                      | *             | 1.0   |      | <b>2.1</b>   | mg/L      | 1   | 08/19/2022 0:00  | R316048 |
| <b>EPA 600 365.4 (TOTAL)</b>                                                                                         |               |       |      |              |           |     |                  |         |
| Phosphorus, Total (as P)                                                                                             | NELAP         | 0.100 |      | <b>0.244</b> | mg/L      | 1   | 08/18/2022 9:19  | 195705  |
| <b>STANDARD METHODS 2540 D 1997, 2011</b>                                                                            |               |       |      |              |           |     |                  |         |
| Total Suspended Solids                                                                                               | NELAP         | 6     |      | <b>12</b>    | mg/L      | 1   | 08/18/2022 10:20 | R315979 |
| <b>STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011</b>                                                                 |               |       |      |              |           |     |                  |         |
| Chloride                                                                                                             | NELAP         | 10    |      | <b>54</b>    | mg/L      | 10  | 08/17/2022 17:19 | R315958 |



## Receiving Check List

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

Client: Gonzalez Companies, LLC

Work Order: 22081140

Client Project: NPDES/Ogles

Report Date: 23-Aug-22

Carrier: Michael Kraus

Received By: ANC

Completed by:

On:

16-Aug-22

Reannan Willis

Reviewed by:

On:

16-Aug-22

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

|                                                         |                                         |                                         |                                        |                                  |
|---------------------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------|----------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             | Not Present <input type="checkbox"/>   | Temp °C 14.8                     |
| Type of thermal preservation?                           | None <input type="checkbox"/>           | Ice <input checked="" type="checkbox"/> | Blue Ice <input type="checkbox"/>      | Dry Ice <input type="checkbox"/> |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |
| Reported field parameters measured:                     | Field <input type="checkbox"/>          | Lab <input type="checkbox"/>            | NA <input checked="" type="checkbox"/> |                                  |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                        |                                  |

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 <input type="checkbox"/>            | No <input type="checkbox"/> | No VOA vials <input checked="" type="checkbox"/>      |
| Water - TOX containers have zero headspace?               | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | No TOX containers <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/>                           |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/>                |

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

pH strip #82999. - CET/rwillis - 8/16/2022 2:13:36 PM

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - rwillis - 8/16/2022 2:13:47 PM

pg. \_\_\_\_\_ of \_\_\_\_\_  
Work order # 22081140

pg. \_\_\_\_\_ of \_\_\_\_\_  
Work order # 22081140

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](http://www.teklabinc.com) for terms and conditions.

BottleOrder: 73456



December 16, 2022

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



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

**RE:** NPDES/Ogles

**WorkOrder:** 22120558

Dear Tony Schenk, P.E.:

TEKLAB, INC received 2 samples on 12/8/2022 12:15:00 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,



Elizabeth A. Hurley  
Director of Customer Service  
(618)344-1004 ex 33  
[ehurley@teklabinc.com](mailto:ehurley@teklabinc.com)



## Report Contents

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

**Client:** Gonzalez Companies, LLC

**Work Order:** 22120558

**Client Project:** NPDES/Ogles

**Report Date:** 16-Dec-22

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:** 22120558

**Client Project:** NPDES/Ogles

**Report Date:** 16-Dec-22

### 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:** 22120558

**Client Project:** NPDES/Ogles

**Report Date:** 16-Dec-22

### 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:** 22120558

**Client Project:** NPDES/Ogles

**Report Date:** 16-Dec-22

**Cooler Receipt Temp:** 6.8 °C

### Locations

#### Collinsville

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

#### Collinsville Air

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

#### Springfield

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

#### Chicago

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

#### Kansas City

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



## Accreditations

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

**Client:** Gonzalez Companies, LLC

**Work Order:** 22120558

**Client Project:** NPDES/Ogles

**Report Date:** 16-Dec-22

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



## Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 22120558

Client Project: NPDES/Ogles

Report Date: 16-Dec-22

Lab ID: 22120558-001

Client Sample ID: Scott Troy

Matrix: AQUEOUS

Collection Date: 12/08/2022 10:41

| Analyses                                                    | Certification | RL    | Qual | Result | Units     | DF | Date Analyzed    | Batch   |
|-------------------------------------------------------------|---------------|-------|------|--------|-----------|----|------------------|---------|
| <b>STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION</b> |               |       |      |        |           |    |                  |         |
| Fecal Coliform                                              | *             | 10    |      | 130    | CFU/100ml | 10 | 12/08/2022 13:14 | R322164 |
| <b>EPA 1664A</b>                                            |               |       |      |        |           |    |                  |         |
| Hexane Extractable Material                                 | NELAP         | 6     |      | 6      | mg/L      | 1  | 12/14/2022 10:36 | R322409 |
| <b>EPA 600 351.2 R2.0, 353.2 R2.0</b>                       |               |       |      |        |           |    |                  |         |
| Nitrogen, Total                                             | *             | 1.0   |      | 4.6    | mg/L      | 1  | 12/14/2022 0:00  | R322357 |
| <b>EPA 600 365.4 (TOTAL)</b>                                |               |       |      |        |           |    |                  |         |
| Phosphorus, Total (as P)                                    | NELAP         | 0.100 |      | 0.322  | mg/L      | 1  | 12/12/2022 15:46 | 200881  |
| <b>STANDARD METHODS 2540 D 1997, 2011</b>                   |               |       |      |        |           |    |                  |         |
| Total Suspended Solids                                      | NELAP         | 6     |      | 29     | mg/L      | 1  | 12/12/2022 10:52 | R322246 |
| <b>STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011</b>        |               |       |      |        |           |    |                  |         |
| Chloride                                                    | NELAP         | 20    |      | 110    | mg/L      | 5  | 12/14/2022 11:16 | R322410 |



## Laboratory Results

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

Client: Gonzalez Companies, LLC

Work Order: 22120558

Client Project: NPDES/Ogles

Report Date: 16-Dec-22

Lab ID: 22120558-002

Client Sample ID: Old Collinsville

Matrix: AQUEOUS

Collection Date: 12/08/2022 11:07

| Analyses                                                                                            | Certification | RL    | Qual | Result            | Units     | DF  | Date Analyzed    | Batch   |
|-----------------------------------------------------------------------------------------------------|---------------|-------|------|-------------------|-----------|-----|------------------|---------|
| <b>STANDARD METHODS 9222 D 22ND ED. MEMBRANE FILTRATION</b>                                         |               |       |      |                   |           |     |                  |         |
| Fecal Coliform                                                                                      | *             | 100   |      | <b>6100</b>       | CFU/100ml | 100 | 12/08/2022 13:14 | R322164 |
| <b>EPA 1664A</b>                                                                                    |               |       |      |                   |           |     |                  |         |
| Hexane Extractable Material                                                                         | NELAP         | 6     |      | <b>&lt; 6</b>     | mg/L      | 1   | 12/14/2022 10:36 | R322409 |
| <b>EPA 600 351.2 R2.0, 353.2 R2.0</b>                                                               |               |       |      |                   |           |     |                  |         |
| Nitrogen, Total                                                                                     | *             | 1.0   |      | <b>&lt; 1.0</b>   | mg/L      | 1   | 12/14/2022 0:00  | R322357 |
| <b>EPA 600 365.4 (TOTAL)</b>                                                                        |               |       |      |                   |           |     |                  |         |
| Phosphorus, Total (as P)                                                                            | NELAP         | 0.100 |      | <b>&lt; 0.100</b> | mg/L      | 1   | 12/12/2022 17:12 | 200919  |
| <b>STANDARD METHODS 2540 D 1997, 2011</b>                                                           |               |       |      |                   |           |     |                  |         |
| Total Suspended Solids                                                                              | NELAP         | 6     |      | <b>&lt; 6</b>     | mg/L      | 1   | 12/12/2022 10:52 | R322246 |
| <i>Sample and Duplicate RPD meet the SOP QC criteria for low level results. Data is reportable.</i> |               |       |      |                   |           |     |                  |         |
| <b>STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011</b>                                                |               |       |      |                   |           |     |                  |         |
| Chloride                                                                                            | NELAP         | 40    |      | <b>342</b>        | mg/L      | 10  | 12/14/2022 11:21 | R322410 |



## Receiving Check List

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

Client: Gonzalez Companies, LLC

Work Order: 22120558

Client Project: NPDES/Ogles

Report Date: 16-Dec-22

Carrier: Jennifer Sanders

Received By: ANC

Completed by:

On:

08-Dec-22

Ellie Hopkins

Reviewed by:

On:

08-Dec-22

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

|                                                                                                                                                                              |                                         |                                         |                                                       |                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|-------------------------------------------------------|----------------------------------|
| Shipping container/cooler in good condition?                                                                                                                                 | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             | Not Present <input type="checkbox"/>                  | Temp °C 6.8                      |
| Type of thermal preservation?                                                                                                                                                | None <input type="checkbox"/>           | Ice <input checked="" type="checkbox"/> | Blue Ice <input type="checkbox"/>                     | Dry Ice <input type="checkbox"/> |
| Chain of custody present?                                                                                                                                                    | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                                       |                                  |
| Chain of custody signed when relinquished and received?                                                                                                                      | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                                       |                                  |
| Chain of custody agrees with sample labels?                                                                                                                                  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                                       |                                  |
| Samples in proper container/bottle?                                                                                                                                          | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                                       |                                  |
| Sample containers intact?                                                                                                                                                    | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                                       |                                  |
| Sufficient sample volume for indicated test?                                                                                                                                 | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                                       |                                  |
| All samples received within holding time?                                                                                                                                    | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                                       |                                  |
| Reported field parameters measured:                                                                                                                                          | Field <input type="checkbox"/>          | Lab <input type="checkbox"/>            | NA <input checked="" type="checkbox"/>                |                                  |
| Container/Temp Blank temperature in compliance?                                                                                                                              | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             |                                                       |                                  |
| <i>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.</i> |                                         |                                         |                                                       |                                  |
| Water – at least one vial per sample has zero headspace?                                                                                                                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/>             | No VOA vials <input checked="" type="checkbox"/>      |                                  |
| Water - TOX containers have zero headspace?                                                                                                                                  | Yes <input type="checkbox"/>            | No <input type="checkbox"/>             | No TOX containers <input checked="" type="checkbox"/> |                                  |
| Water - pH acceptable upon receipt?                                                                                                                                          | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>             | NA <input type="checkbox"/>                           |                                  |
| NPDES/CWA TCN interferences checked/treated in the field?                                                                                                                    | Yes <input type="checkbox"/>            | No <input type="checkbox"/>             | NA <input checked="" type="checkbox"/>                |                                  |

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

pH strip #83856 - ANC 12/8/22

Preservation checks for O&G analysis are to be completed by the laboratory technician prior to analysis. - ehopkins - 12/8/2022 12:41:47 PM

8906166

fax: (618) 344-1005

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

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No

Are these samples known to be hazardous? ☐ 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

[illegible]

| Relinquished By    | Date/Time     |
|--------------------|---------------|
| <i>[Signature]</i> | 12/8/22 12:15 |

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE ☐ LGT# 3  
 Preserved in: ☐ LAB ☒ FIELD FOR LAB USE ONLY  
 Lab Notes: PA 88850 AC

| Client Comments    |
|--------------------|
| 30747<br>SPRINKLER |

[illegible]

| Received By | Date/Time     |
|-------------|---------------|
| Alison Cole | 12/8/22 12:15 |
|             |               |
|             |               |
|             |               |
|             |               |

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](http://www.teklabinc.com) for terms and conditions.

BottleOrder: 75369



12/8  
JAL

## **Additional Community Activities-B**

### **Groups and Organizations**



## EAST-WEST GATEWAY

Council of Governments

Creating Solutions Across Jurisdictional Boundaries

### AGENDA

### WATER RESOURCES ADVISORY COMMITTEE

**Tuesday, February 28, 2023**  
**10:30 AM – 12:00 PM**  
**East-West Gateway Board Room and Virtual**

The East-West Gateway Offices are now open to the public. You are welcome to attend this meeting in person or virtually on the GoToMeeting platform.

You can listen, talk, and/or view the meeting via:

**Computer - <https://meet.goto.com/946261181>**

**Access code: 946-261-181**

**Or Phone - +1 (312) 757-3121**

1. **CALL TO ORDER** - Carol Lawrence, Chair, East-West Gateway Council of Governments
2. **DISCUSSION ITEMS**
  - A. **Frontenac's Timber Trail to Briar Ridge Streambank Restoration Project**
    - Len Maladon, EDM Inc.
    - Jeff Wappelhorst, City of Frontenac
  - B. **Municipal Stormwater Management Planning Efforts**
    - Eric Karch, Rietz & Jens
    - Josiah Holst, HR Green
  - C. **Caulks Creek Watershed Study in Wildwood**
    - Paul Rydlund, Central Midwest Water Census - USGS

### 3. OTHER BUSINESS/ANNOUNCEMENTS

### 4. ADJOURNMENT

Gateway Tower  
One Memorial Drive, Suite 1600  
St. Louis, MO 63102-2451

TEL 314-231-6120  
FAX 314-231-6120

webmaster@ewgateway.org  
www.ewgateway.org

**Chair:**  
Mark A. Kern  
Chairman, St. Clair County Board

**Vice Chair:**  
Tishaura Jones  
Mayor  
City of St. Louis

**Presiding Commissioner:**  
Tim Brinker  
Presiding Commissioner  
Franklin County

**County Executive, St. Charles County:**  
Steve Ehlmann

**County Executive, Jefferson County:**  
Dennis Gannon

**County Board Chairman, Monroe County:**  
Dennis M. Knobloch

**County Executive, St. Louis County:**  
Dr. Sam Page

**Chairman, Madison County Board:**  
Kurt Prenzler

**President, Municipal League of Metro St. Louis:**  
Darlene Bell

**Honorable Rita Heard, Days Councilwoman, 1st Council District, St. Louis County:**  
Honorble Rita Heard

**Mayor, City of East St. Louis:**  
Robert Eastern III

**Councilman, District 3, St. Charles County:**  
Mike Elam

**President, Board of Aldermen, City of St. Louis:**  
Megan Green

**President, Southwestern Illinois Council of Mayors:**  
Mark Kupsy

**St. Clair County:**  
Roy Mosley

**Madison County:**  
David Schwind

**President, Southwestern Illinois Metropolitan & Regional Planning Commission:**  
Herbert Simmons

**Vice President, Southwestern Illinois Council of Mayors:**  
Seth Speiser

**St. Louis County:**  
Donald R. Summers, Jr.

**Franklin County:**  
Brad Zobrist

**Barbara Geisman:**  
C. William Grogan

**John A. Laker:**  
Ron Williams

**Holly Bieneman:**  
Illinois Department of Transportation

**Vacant:**  
Illinois Department of Commerce and Economic Opportunity

**Patrick McKenna:**  
Missouri Department of Transportation

**Taulby Roach:**  
Bi-State Development

**Aaron Willard:**  
Missouri Office of Administration

**James M. Wild:**

ASCE > FORWARD  
FASTER.

JOIN TODAY.

IT'S THE  
FAST LANE  
TO YOUR  
BRIGHTEST  
FUTURE.





**IACE 108<sup>th</sup> Spring Meeting, May 11-13, 2022**  
**Professional Development Hours Completion Certificate**

NORMAN ETLING, received the below checked  
Professional Development Hours (PDH) for a maximum of (7) PDHs for attending the

**Illinois Association of County Engineers 108<sup>th</sup> Spring Meeting** held  
at the Bloomington-Normal Marriott, Normal, Illinois, May 11-13, 2022.

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.

- IDOT Local Roads, Illinois Department of Transportation ✓
- FHWA, Local Roads Safety Plans, Federal Highway Administration ✓
- IDOT Local Roads Highlights, Illinois Department of Transportation ✓
- FHWA, Update, Federal Highway Administration ✓
- IDOT Update, Illinois Department of Transportation ✓
- Utilities in Right-of-Way, Sorling Northup Attorneys ✓
- Ameren Safety ✓
- HMA/QMP Specification, IDOT Bureau of Materials, Illinois Department  
of Transportation ✓
- Oxcart Permit Systems & IDOT Permits, Illinois Department of  
Transportation ✓
- Tub Girder Bridge Project, The Will Group & Champaign County  
Engineer ✓

**Morning Speaker:** Friday 8:00 a.m.

- DeKalb County Mapping, DeKalb County Engineer ✓

Total Professional Development Hours: 7 PDHs 7

Thank you for attending the 2022 108<sup>th</sup> IACE Spring Meeting.

*Amy Benecke McLaren*

Amy Benecke McLaren, Peoria County Engineer  
Fall & Spring Meeting Planner Committee



**IACE 108<sup>th</sup> Fall Conference, October 5-7, 2022**  
**Professional Development Hours Completion Certificate**

NORMAN ETLING, received the below checked  
Professional Development Hours (PDH) for a maximum of (7) PDHs for attending the

**Illinois Association of County Engineers 108<sup>th</sup> Fall Conference** held  
at the Embassy Suites by Hilton East Peoria Riverfront Hotel & Conference  
Center, East Peoria, Illinois, October 5-7, 2022.

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.

- IDOT Local Roads, Illinois Department of Transportation ✓
- IDOT Bridge Office, Illinois Department of Transportation ✓
- IDOT Update, Illinois Department of Transportation ✓
- FHWA Update, Federal Highway Administration ✓
- Bridge Scour, Illinois Center of Transportation ✓
- Heartland Greenway CO2 ✓
- GIS Signage in Missouri, Civil Design ✓
- 2D Hydraulic Modeling, Illinois Department of Transportation ✓
- Safety Update, Federal Highway Administration ✓
- Local Roads Pavement Markings, 3M Corporation ✓

**Morning Speaker:** Friday 8:00 a.m.

- NACE Update, President

6 PDHs

Total Professional Development Hours: 7 PDHs         

Thank you for attending the 2022 108<sup>th</sup> IACE Fall Conference.

*Amy Benecke McLaren*

Amy Benecke McLaren, Peoria County Engineer  
Fall & Spring Conference Planning Committee Chair



## Illinois Society of Professional Engineers

### Certificate of Professional Development

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Presented to:

Norman Etling

Date: 2/4/2022

Topic: Understanding Active and Passive Floodproofing Options for  
Non-Residential Buildings in a Special Flood Hazard Area

Speaker: Bryan Christopherson, CFM, Floodproofing.com

PDHs Earned: 1.0 (ONE)

Provided by:

A handwritten signature in black ink, reading "Kim Robinson".

Kim Robinson, Executive Director

---

Illinois Society of Professional Engineers

100 East Washington Street

Springfield, IL 62701

217.544.7424



## Illinois Society of Professional Engineers

### Certificate of Professional Development

---

Presented to:

Norman Etling

Date: April 7, 2023

Topic: Floodway Rules and Permitting in Illinois

Speaker(s): Marilyn Sucoe, NE IL Floodplain Program Coordinator & Bill Milner, Downstate Floodway

Section Chief - IL Dept. Of Natural Resources

PDHs Earned: 1.0 (ONE)

Provided by:

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

Kim Robinson, Executive Director

---

Illinois Society of Professional Engineers

100 East Washington Street

Springfield, IL 62701

217.544.7424