



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, 2021 To March, 2022

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 | ☐ | 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.

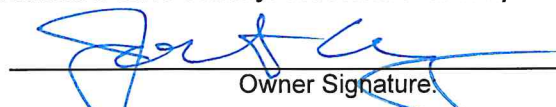
C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

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:

5-24-2022

Date:
PUBLIC WORKS DIRECTOR

Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

ADMINISTRATIVE REVISIONS TO THE NOTICE OF INTENT

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

MS4 Operator Mailing Address:

Yes

☐

No

☒

Persons Responsible:

Yes

☒

No

☐

Name: John Harty

Title: Public Works Director

Telephone Number: 618-489-2020

Area of Responsibility: MS4 Program for City of Fairview Heights (Permit No. ILR400190)

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 2020-2021 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 2021-February 2022:

- 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 three (3) 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) **C.1-** Co-Permittee Members updated any new or revised storm sewers and performed stream observations at bridge inspections.
- 8) **C.5-** A survey of previously installed stencils was to be performed as well as replacing or placing any that needed inlet stencils.
- 9) **C.6-** Communication brochures were distributed to the community. Co-Permittee Members discussed any known illicit discharge ordinance compliance issues in the communities.
- 10) **C.9-** Co-Permittee Members developed brochures addressing specific stormwater ordinance prohibited activities and distributed with educational brochures.
- 11) **D.1, E.2, E.4-** Community stormwater ordinances were to be updated, if needed, and require a SWPPP on site plans disturbing more than one acre.
- 12) **D.2, F.1-** The Co-Permittee held an Operations Training class. Topics included a review of the history of drainage systems, the Clean Water Act and NPDES permits, and the impacts of storm water.
- 13) **D.5-** St. Clair County continued to maintain a stormwater hotline number to address public concerns related to storm water issues. County tracked and reported the number of calls.
- 14) **F.6-** Communities reviewed operating procedures and BMPs and modified if necessary.

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

It is to be noted that some BMPs will continue on to the next NOI, but some will be stopped, and others added to fulfill the requirements of the permit. The 2021-2026 NOI can be found on the IEPA website.

City of: City of Fairview Heights

FOIA Officer for the reporting year:

Name: Cathy Bryant

Title: Clerk's Supervisor

Telephone Number: 618-489-2000

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2021 through February 2022

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	
BMP No. A.1 - Distributed Paper Materials- Informational Brochures							
Milestone For Reporting Year: Promote the availability of brochures to the residents.							
The City has brochures available to residents at the City Hall and the Public Library. Educational topics include illicit discharge ordinance compliance and stormwater ordinances. The public Stormwater Hotline is included.	☒	☐	The County will continue to make educational brochures available to the public.	☐	☒	Ongoing through 2021-2022 permit year.	
BMP No. A.4- Community Event- Sponsor Annual Booth at St. Clair County Earth Day Festival							
Milestone For Reporting Year: St. Clair County sponsored a booth at the Earth Day Festival.							
The St. Clair County Health Department canceled their 2022 Earth Day celebrations due to Covid-19	☒	☐	St. Clair County is responsible for the booth and tracking the number of brochures handed out.	☐	☒	The 2022 Earth Day event will be in May.	
BMP No. A.5- Classroom Education Material							
Milestone For Reporting Year: Communities distributed educational materials and tracked the number of brochures and other materials handed out to the schools.							
St. Clair County posted educational newsletters on the Health Department's website.	☒	☐	Review of Classroom Education Materials- See page 11	☐	☒	The communities will inform local schools that the newsletters are available on the Health Department's website.	Ongoing through 2021-2022 permit year.

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2021 through February 2022

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Comment	YES	NO		YES	NO	Activity	Schedule
BMP No. B-3- Stakeholder's Meeting- Coordinate Meetings and Annual Reports							
Milestone For Reporting Year: Co-Permittee Group met three (3) times to complete training and to develop and submit the Annual Report.							
			Co-Permittee Meetings were held on February 10th, May 13th, and December 9, 2021. Annual reports were provided to communities in May 2021 and submitted to IEPA before June 1st, 2021. Meeting topics included: Annual Reporting and O&M Manuals, Reducing Road Salt Use and Visual Water Sampling Training, and Operations Training.			The County will continue to meet with the Co-Permittee Group to share BMPs and training opportunities. The Co-Permittee Group has planned three compliance/training activities for 2021.	Ongoing through 2021-2022 permit year.
	☒			☒			
BMP No. B-5- Volunteer Monitoring- Solicit and Encourage Public Assistance in Monitoring the Community's Stormwater System & Stormwater Hotline							
Milestone For Reporting Year: Community will work to involve more public assistance in reporting stormwater issues.							
			The County updated brochures and websites with County contact information for the reporting of stormwater issues. Any calls or emails are recorded and addressed.			The community will continue to respond to and record all public complaints of illicit discharge and/or dumping and stormwater issues.	Ongoing through 2021-2022 permit year.
	☒			☒			
BMP No. B.6- Program Coordination- Participate in programs targeted at public awareness, including: Inlet Stenciling and Recycling							
Milestone for Reporting Year: St. Clair County continued to promote programs related to stormwater activities. Communities tracked participation.							
			County will continue to promote programs related to stormwater activities and recycling. Multiple media outlets will be used to communicate with municipalities.			County will continue to promote programs related to stormwater activities. Multiple media outlets will be used to communicate with municipalities.	Ongoing through 2021-2022 permit year.
	☒			☒			

PERMIT #:

COMMUNITY NAME:

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2021 through February 2022

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached? If attached information, describe.		D. Summarize the stormwater activities you plan to undertake with an implementation schedule.	
Comment	YES	NO		YES	NO	Activity	Schedule
BMP No. B.7- Other Public Involvement - the community will provide a public meeting annually for the MS4 program							
Milestone for Reporting Year: The communities will provide a public meeting annually for the MS4 program.							
	☒	☐	The City did not hold a public input meeting due to COVID-19 restrictions.		☒	Review of Other Public Involvement - See page 11	Community will continue to hold a public meeting to solicit public input regarding the adequacy of the MS4 program.
	☐	☐			☐		Ongoing through 2021-2022 permit year.
BMP No. C.1- Storm Sewer Map Preparation							
Milestone for Reporting Year: Co-Permittee member communities reviewed outfall maps and conducted stream observations annually at bridge inspections.							
	☒	☐	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 which was last updated May, 2021.		☒	Communities will begin to update their storm system maps to include modifications to the system.	Ongoing through 2021-2022 permit year.
	☐	☐			☐		
BMPs No. C.2, C.9- Regulatory Control Program- Ordinance language for illicit discharge/public notification							
Milestone for Reporting Year: Communication brochures were distributed to the community.							
	☒	☐	St. Clair County did not distribute brochures at the Earth Day event since it was canceled but has them available at the County Health Department.		☒	This BMP will not continue into the next NOI.	
	☐	☐			☐		
BMP No. C.5- Inlet Stenciling							
Milestone for Reporting Year: Survey condition of inlet stencils.							
	☒	☐	The City assessed the condition of the stencils. Currently 100 % of the inlets are marked. The City has 100 stencils in stock.		☒	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 2021-2022 permit year.
	☐	☐			☐		

COMMUNITY NAME:

PERMIT #:

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2021 through February 2022

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		YES	NO	Activity	Schedule
BMP No. C.6- Program Evaluation and Assessment							
Milestone for Reporting Year: Perform illicit discharge detection and elimination in the Community's stormwater system.							
Communities will perform stream observations during their annual bridge inspections or quarterly stormwater sampling and take appropriate action if any illicit discharge is found. The County performed illicit discharge stream monitoring at Prairie DuPont Creek on 2/23/2022, Little Silver Creek on 2/28/2022 and Richland Creek on 3/01/2022. ⁺	☒	☐		☒	☐	Communities will continue to perform stream observations and address illicit discharge per the community ordinance.	Ongoing through 2021-2022 permit year.
BMP No. C.9- Public Notification							
Milestone for Reporting Year: Community will update ordinance brochure.							
Brochures will be updated to address specific storm water ordinance prohibited activities and distributed with brochures addressed in BMP No. A.1.	☒	☐		☒	☐	Ordinance brochures will be updated and distributed to the community throughout years 2015-2020.	Brochure to be updated in 2021-2022 reporting year.
BMPs No. D.1, E.2, and E.4- Site Plan and Pre-Construction Review Procedures							
Milestone for Reporting Year: Update stormwater ordinance.							
The stormwater ordinance was not updated during this reporting year.	☒	☐		☒	☐	This BMP will not continue into the next NOI.	
BMP No. D.1- Regulatory Control Program							
Milestone for Reporting Year: Require SWPPP on all site plans disturbing more than one acre of land inside the Community.							
The City requires SWPPP on sites disturbing over 1-acre and enforces ordinance provisions.	☒	☐		☒	☐	The community will continue to require SWPPP on sites disturbing over 1-acre and verify the proper use of sediment and erosion control techniques. ⁺	Ongoing through 2021-2022 permit year.

PERMIT #:

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IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2021 through February 2022

A. Changes to Best Management- Were there any changes to the BMPs?		B. The status of compliance with the permit, the appropriateness of the BMP and progress towards achieving reduction of discharged pollutants to the MEP, and identified measurable goals for each of the minimum control measures.		C. Provide results of information collected and analyzed, including monitoring data. Information attached?		D. Summarize the stormwater activities you plan to undertake with an implementation schedule.	
Comment	YES	NO	If attached information, describe.	YES	NO	Activity	Schedule
BMP No. D.2- Erosion and Sediment Control BMPs							
Milestone for Reporting Year: Community will participate in BMP training during Annual Operations Training.							
	☒	☐	BMP training was provided during the Annual Operations Training on December 9, 2021.	☒	☐	Community will continue to participate in BMP training.	Ongoing through 2021-2022 permit year.
BMP No. D.5- Stormwater Hotline							
Milestone for Reporting Year: County continued to maintain a stormwater hotline number to address public concerns related to stormwater issues. County tracked and reported the number of calls.							
	☒	☐	St. Clair County maintained the hotline number during the reporting period. Communities respond to complaints of residents for stormwater related issues.	☒	☐	County and Communities will respond to calls and emails for stormwater issues.	Ongoing through 2021-2022 permit year.
BMPs No. D.6 and E.5- Training for Construction Site Inspectors							
Milestone for Reporting Year: Inspector training was provided this year.							
	☒	☐	Construction Site Inspection training was not needed.	☒	☐	The last Construction Site Inspection training took place in April 2017. This BMP will not continue into the next NOI.	
BMP No. E.2- Regulatory Control Program							
Milestone for Reporting Year: Enforce Stormwater Ordinance.							
	☒	☐	Communities will continue to enforce their stormwater ordinance and track changes made to the ordinance. The City had no changes this year.	☒	☐	Communities will continue to enforce their stormwater ordinance.	Ongoing through 2021-2022 permit year.

PERMIT #:

COMMUNITY NAME:

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2021 through February 2022

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	Activity	Schedule			
BMP No. E.4- Pre-Construction Review of BMP Designs							
Milestone for Reporting Year: Review post-construction BMPs.							
	☒		The City requires and reviews SWPPPs on site plans disturbing more than 1-acre of land.			Communities will review the post construction BMPs on all sites that disturb more than 1-acre in land.	Ongoing through 2021-2022 permit year.
BMP No. F.1- Employee Training Program							
Milestone for Reporting Year: The Co-Permittee held an Operations Training class.							
	☒		Training focused on a review of the history of drainage systems, the Clean Water Act and NPDES permits, and the impacts of storm water.			The Co-Permittee Group will continue holding an Operations Training class as part of education requirements.	Ongoing through 2021-2022 permit year.
BMP No. F.6- Other Municipal Operations Controls- Standard Operating Procedures							
Milestone for Reporting Year: Communities reviewed operating procedures and BMPs and modified if necessary.							
	☒		Stormwater operation procedures for the Street Department were reviewed and modified August, 2019.			Operation procedures are reviewed annually. Co-Permittee meetings will include reference to review and update requirements.	Ongoing through 2021-2022 permit year.

COMMUNITY NAME: City of Fairview Heights

ILR400190

PERMIT #:

IEPA Annual Report for Stormwater Discharges from MS4 Communities- Period: March 2021 through February 2022

ADDITIONAL INFORMATION

<u>BMP A.5</u>	<u>Classroom Educational Materials</u> The County has taken steps to educate school children on the severity of stormwater pollution. The St. Clair County Health Department issues a newsletter each month and it is posted on the St. Clair County Health Department's website. The newsletter consists of articles for students with a wide range of pollution topics, including stormwater. The newsletter also lists upcoming recycling events and schools that have won past recycling contests.
<u>BMP B.6</u>	<u>Community Events - Recycling Programs</u> Throughout the year, St. Clair County sponsored community events that potentially could positively impact stormwater quality. These activities include an ongoing "Clean Sweep" program that collected 30,000 tons of waste. The county website includes a list of recycling sites for over 29 different materials. The County sponsors recycling of tires, paint, batteries, fluorescent bulbs, plastic, hazardous waste, and medicine. Nine tandem loads of tires were collected for recycling, sponsored by the IEPA on September 21st and 22nd of 2021. Participation in other recycling programs were "Litter Clean Up" on September 11th, 2021. The County also sponsors large item pickup.
<u>BMP B.7</u>	<u>Other Public Involvement</u> St. Clair County solicited public input regarding the adequacy of the MS4 program during the public input meeting on January 31, 2021. No feedback regarding the MS4 program was received. The public is encouraged to assist in monitoring the community's stormwater system by reporting illegal dumping and discharge or stormwater issues either directly to their municipality or through the County. The St. Clair County stormwater hotline number is posted on the website and is provided in educational brochures. St. Clair County is actively involved in groups and organizations that are connected with MS4.
<u>BMP C.5</u>	<u>Illicit Source Removal Procedures</u> The St. Clair County Highway Department sponsors an Adopt-a-Highway Program throughout the County. By sponsoring this program, St. Clair County is eliminating a significant source of stormwater pollution by keeping trash out of streams and keeping road ditches clear of debris for storm events.

Additional Community Activities

(Make additional copies of form, if necessary)

List any additional community-sponsored activities performed between March 1, 2021 and February 28, 2022 not listed in the *Notice of Intent* (NOI) submittal, but which address one of the six minimum control measures:

The City cleaned 1.3 miles of Ogles Creek and Little Canteen Creek over 5 days, collecting 8 bags of trash, 60 pounds of tires and 2 truck loads of limbs.

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

A total of 5.0 miles of ditches were graded along Kadlec Drive, Elvira Drive, Belle Drive, Stites Avenue, Baldus Drive, removing 2 bags of trash. Straw mats, riprap and silt fence were the BMPs used.

The Street Department has one 10-cubic-yard dumpster that is used by the City for trash retrieved from road ditches and waterways. The dumpster is emptied weekly.

The Street Department spent 8190 hours street sweeping.

Sixty catch basins were cleaned during the reporting year.

The City provides Christmas tree recycling.

Stormwater Sampling was tested at Ogles Creek, Old Collinsville Road and at Scott-Troy Road

1st Quarter Sample Date: 3/25/2021

2nd Quarter Sample Date: 7/12/2021

3rd Quarter Sample Date: 9/24/2021

4th Quarter Sample Date: 12/13/2021

Circle which minimum control measure is addressed:

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

C. Reliance on Government Entities for Permit Obligations

Co-Permittee cooperation with the County

Cl. List of Construction Projects during 2021-2022 Reporting Year

Permit #	Project	Status
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ILR10 No. BM70	Constructing Residential Infrastructure	Start Date: 10/20/20 End Date: 7/31/2023
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ILR10 No. BM06	Constructing Residential Infrastructure	Start Date: 7/07/20 End Date: 7/31/2023
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March 25, 2021

Noelle Gaspard
RJN Group
2000 South 8th St.
St. Louis, MO 63104
TEL: (314) 588-9764
FAX:



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

RE: NPDES/15-3069

WorkOrder: 21031225

Dear Noelle Gaspard:

TEKLAB, INC received 2 samples on 3/18/2021 12:10:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



Elizabeth A. Hurley
Project Manager
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

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

Client: RJN Group

Work Order: 21031225

Client Project: NPDES/15-3069

Report Date: 25-Mar-21

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: RJN Group

Work Order: 21031225

Client Project: NPDES/15-3069

Report Date: 25-Mar-21

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: RJN Group

Work Order: 21031225

Client Project: NPDES/15-3069

Report Date: 25-Mar-21

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: RJN Group

Work Order: 21031225

Client Project: NPDES/15-3069

Report Date: 25-Mar-21

Cooler Receipt Temp: 5.4 °C

Locations

Collinsville

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

Collinsville Air

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

Springfield

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

Chicago

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

Kansas City

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



Accreditations

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

Client: RJN Group

Work Order: 21031225

Client Project: NPDES/15-3069

Report Date: 25-Mar-21

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2022	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2021	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2021	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2021	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2021	Collinsville
Arkansas	ADEQ	88-0966		3/14/2022	Collinsville
Illinois	IDPH	17584		5/31/2021	Collinsville
Kentucky	UST	0073		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2021	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville



Laboratory Results

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

Client: RJN Group

Work Order: 21031225

Client Project: NPDES/15-3069

Report Date: 25-Mar-21

Lab ID: 21031225-001

Client Sample ID: Upstream

Matrix: AQUEOUS

Collection Date: 03/18/2021 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER								
Fecal Coliform	*	100		CG	CFU/100ml	100	03/18/2021 14:30	R288700
<i>CG – Confluent growth covering all or part of the filtration area making colonies indistinct, with coliforms.</i>								
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	03/18/2021 13:14	R288712
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		1.1	mg/L	1	03/22/2021 0:00	R288757
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.124	mg/L	1	03/22/2021 10:35	174994
STANDARD METHODS 2540 D 1997								
Total Suspended Solids	NELAP	6	R	19	mg/L	1	03/23/2021 8:34	R288785
<i>Sample and Duplicate RPD meet the SOP QC criteria for low level results. Data is reportable.</i>								
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	5		116	mg/L	5	03/22/2021 10:41	R288859



Laboratory Results

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

Client: RJN Group

Work Order: 21031225

Client Project: NPDES/15-3069

Report Date: 25-Mar-21

Lab ID: 21031225-002

Client Sample ID: Downstream

Matrix: AQUEOUS

Collection Date: 03/18/2021 11:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER								
Fecal Coliform	*	100		600	CFU/100ml	100	03/18/2021 14:30	R288700
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	03/19/2021 14:17	R288768
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		2.9	mg/L	1	03/24/2021 0:00	R288886
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.500		1.11	mg/L	1	03/22/2021 10:45	174994
STANDARD METHODS 2540 D 1997								
Total Suspended Solids	NELAP	30		980	mg/L	5	03/23/2021 8:34	R288785
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	2		34	mg/L	2	03/22/2021 10:43	R288859



Receiving Check List

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

Client: RJN Group

Work Order: 21031225

Client Project: NPDES/15-3069

Report Date: 25-Mar-21

Carrier: Sanjiv Vajjala

Received By: PRY

Completed by:

On:

18-Mar-21

Amanda R. Ham

Reviewed by:

On:

18-Mar-21

Marvin L. Darling II

Marvin L. Darling

Pages to follow: Chain of custody

1

Extra pages included

0

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

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

Not Present ☐ Temp °C 5.4
Blue Ice ☐ Dry Ice ☐

NA ☒

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

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

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

pH strip #75226. - aham - 3/18/2021 12:26:00 PM

2031225

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

Client:	RUN Group	☒ ICE ☐ BLUE ICE ☐ NO ICE 54 °C LTG# 3
Address:	2000 South 8th St.	FOR LAB USE ONLY FIELD <i>pt 1540</i> EEP 3/18/21
City / State / Zip	St. Louis, MO 63104	Lab Notes:
Contact:	Noelle Gaspard	Client Comments
E-Mail:	ngaspard@jnm.com	
	Phone: (314) 588-9764	
	Fax:	

Client Comments

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

Are these samples known to be hazardous? ☐ 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

NORA
Born Feb 03-17-21 1.14¹⁰

[illegible]

Relinquished By	Date/Time	Received By	Date/Time
Sajiv Vijela	03/18 12:10 PM	Vijela	9/18/17 12:10

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

BottleOrder:	63050
--------------	-------



3/18/21

July 12, 2021

Noelle Gaspard
RJN Group
2000 South 8th St.
St. Louis, MO 63104
TEL: (314) 588-9764
FAX:



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

RE: NPDES/15-3069

WorkOrder: 21070034

Dear Noelle Gaspard:

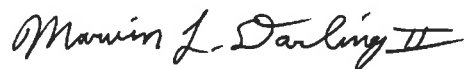
TEKLAB, INC received 2 samples on 7/1/2021 11:40:00 AM for the analysis presented in the following report.

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

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

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

Sincerely,



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



Report Contents

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

Client: RJN Group

Work Order: 21070034

Client Project: NPDES/15-3069

Report Date: 12-Jul-21

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: RJN Group

Work Order: 21070034

Client Project: NPDES/15-3069

Report Date: 12-Jul-21

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: RJN Group

Work Order: 21070034

Client Project: NPDES/15-3069

Report Date: 12-Jul-21

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: RJN Group

Work Order: 21070034

Client Project: NPDES/15-3069

Report Date: 12-Jul-21

Cooler Receipt Temp: 19.0 °C

Locations

Collinsville

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

Collinsville Air

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

Springfield

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

Chicago

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

Kansas City

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



Accreditations

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

Client: RJN Group

Work Order: 21070034

Client Project: NPDES/15-3069

Report Date: 12-Jul-21

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2022	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	8/31/2021	Collinsville
Arkansas	ADEQ	88-0966		3/14/2022	Collinsville
Illinois	IDPH	17584		5/31/2021	Collinsville
Kentucky	UST	0073		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2021	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville



Laboratory Results

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

Client: RJN Group

Work Order: 21070034

Client Project: NPDES/15-3069

Report Date: 12-Jul-21

Lab ID: 21070034-001

Client Sample ID: Upstream

Matrix: AQUEOUS

Collection Date: 07/01/2021 10:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER								
Fecal Coliform	*	100		11400	CFU/100ml	100	07/01/2021 13:55	R293949
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	07/02/2021 15:07	R293970
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		< 1.0	mg/L	1	07/09/2021 0:00	R294204
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		< 0.100	mg/L	1	07/12/2021 11:01	179574
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		6	mg/L	1	07/02/2021 11:16	R293963
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	5		30	mg/L	5	07/02/2021 8:38	R293954



Laboratory Results

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

Client: RJN Group

Work Order: 21070034

Client Project: NPDES/15-3069

Report Date: 12-Jul-21

Lab ID: 21070034-002

Client Sample ID: Downstream

Matrix: AQUEOUS

Collection Date: 07/01/2021 11:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER								
Fecal Coliform	*	100		>20000	CFU/100ml	100	07/01/2021 13:55	R293949
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	07/02/2021 15:07	R293970
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		3.2	mg/L	1	07/09/2021 0:00	R294204
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.821	mg/L	1	07/09/2021 10:43	179574
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	32		757	mg/L	5.26	07/07/2021 9:42	R294099
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	2		34	mg/L	2	07/02/2021 8:41	R293954



Receiving Check List

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

Client: RJN Group

Work Order: 21070034

Client Project: NPDES/15-3069

Report Date: 12-Jul-21

Carrier: Sanjiv Vajjala

Received By: ERH

Completed by:

On:

01-Jul-21

Mary E. Kemp

Reviewed by:

On:

01-Jul-21

Elizabeth A. Hurley

Elizabeth A. Hurley

Pages to follow: Chain of custody

1

Extra pages included

0

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

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

Not Present ☐ Temp °C 19.0
Blue Ice ☐ Dry Ice ☐

NA ☒

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

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

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

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

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

pH strip #76747. - JHR/MKemp - 7/1/2021 12:43:16 PM

pg. 1 of 1 Work order # 21070034

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

Client:	RJN Group	Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE	LTG# 3
Address:	2000 South 8th St.	Preserved in: ☐ LAB ☒ FIELD	FOR LAB USE ONLY
City / State / Zip	St. Louis, MO 63104	Lab Notes:	
Contact:	Noelle Gaspard		
E-Mail:	ngaspard@rjnmail.com		
Phone:	(314) 588-9764		
Fax:			
Client Comments			

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

Are these samples known to be hazardous? ☐ 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	Received By	Date/Time
Sgt. Jeff De	7/11 11:46 AM	[Signature]	7/11/11 11:40

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

BottleOrder: 64356



7/1/20

September 24, 2021

Noelle Gaspard
RJN Group
2000 South 8th St.
St. Louis, MO 63104
TEL: (314) 588-9764
FAX:



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

RE: NPDES/15-3069

WorkOrder: 21090963

Dear Noelle Gaspard:

TEKLAB, INC received 2 samples on 9/16/2021 11:45:00 AM for the analysis presented in the following report.

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

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

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

Sincerely,



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



Report Contents

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

Client: RJN Group

Work Order: 21090963

Client Project: NPDES/15-3069

Report Date: 24-Sep-21

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: RJN Group

Work Order: 21090963

Client Project: NPDES/15-3069

Report Date: 24-Sep-21

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: RJN Group

Work Order: 21090963

Client Project: NPDES/15-3069

Report Date: 24-Sep-21

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: RJN Group

Work Order: 21090963

Client Project: NPDES/15-3069

Report Date: 24-Sep-21

Cooler Receipt Temp: 15.8 °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: RJN Group

Work Order: 21090963

Client Project: NPDES/15-3069

Report Date: 24-Sep-21

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2022	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		5/31/2021	Collinsville
Kentucky	UST	0073		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2021	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville



Laboratory Results

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

Client: RJN Group

Work Order: 21090963

Client Project: NPDES/15-3069

Report Date: 24-Sep-21

Lab ID: 21090963-001

Client Sample ID: Upstream

Matrix: AQUEOUS

Collection Date: 09/16/2021 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER								
Fecal Coliform	*	10		450	CFU/100ml	10	09/16/2021 14:35	R299076
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	09/17/2021 10:42	R299114
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		< 1.0	mg/L	1	09/23/2021 0:00	R299330
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		< 0.100	mg/L	1	09/23/2021 11:43	182147
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		< 6	mg/L	1	09/17/2021 11:19	R299093
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	5		122	mg/L	5	09/21/2021 5:26	R299278



Laboratory Results

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

Client: RJN Group

Work Order: 21090963

Client Project: NPDES/15-3069

Report Date: 24-Sep-21

Lab ID: 21090963-002

Client Sample ID: Downstream

Matrix: AQUEOUS

Collection Date: 09/16/2021 11:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER								
Fecal Coliform	*	10		330	CFU/100ml	10	09/16/2021 14:35	R299076
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	09/20/2021 12:07	R299195
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		1.1	mg/L	1	09/23/2021 0:00	R299330
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.175	mg/L	1	09/23/2021 11:46	182147
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		20	mg/L	1	09/17/2021 11:20	R299093
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	NELAP	2		80	mg/L	2	09/21/2021 5:50	R299278



Receiving Check List

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

Client: RJN Group

Work Order: 21090963

Client Project: NPDES/15-3069

Report Date: 24-Sep-21

Carrier: Sanjiv Vajjala

Received By: PWR

Completed by:

On:

16-Sep-21

Mary E. Kemp

Reviewed by:

On:

16-Sep-21

Elizabeth A. Hurley

Elizabeth A. Hurley

Pages to follow: Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	Temp °C 15.8
Type of thermal preservation?	None ☐	Ice ☒	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☒	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐		

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

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

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

pH strip #77366 - ERH/MKemp - 9/16/2021 12:38:47 PM

pg. _____ of _____

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 for terms and conditions.

Bottle Order: 62653



December 13, 2021

Noelle Gaspard
RJN Group
2000 South 8th St.
St. Louis, MO 63104
TEL: (314) 588-9764
FAX:



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

RE: NPDES/15-3069

WorkOrder: 21120419

Dear Noelle Gaspard:

TEKLAB, INC received 2 samples on 12/7/2021 11:20:00 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,



Elizabeth A. Hurley
Project Manager
(618)344-1004 ex 33
ehurley@teklabinc.com



Report Contents

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

Client: RJN Group

Work Order: 21120419

Client Project: NPDES/15-3069

Report Date: 13-Dec-21

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: RJN Group

Work Order: 21120419

Client Project: NPDES/15-3069

Report Date: 13-Dec-21

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: RJN Group

Work Order: 21120419

Client Project: NPDES/15-3069

Report Date: 13-Dec-21

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: RJN Group

Work Order: 21120419

Client Project: NPDES/15-3069

Report Date: 13-Dec-21

Cooler Receipt Temp: 5.0 °C

Locations

Collinsville

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

Collinsville Air

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

Springfield

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

Chicago

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

Kansas City

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



Accreditations

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

Client: RJN Group

Work Order: 21120419

Client Project: NPDES/15-3069

Report Date: 13-Dec-21

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2022	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		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville



Laboratory Results

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

Client: RJN Group

Work Order: 21120419

Client Project: NPDES/15-3069

Report Date: 13-Dec-21

Lab ID: 21120419-001

Client Sample ID: Upstream

Matrix: AQUEOUS

Collection Date: 12/07/2021 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER								
Fecal Coliform	*	10		160	CFU/100ml	10	12/07/2021 13:44	R303557
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	12/08/2021 10:14	R303545
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		< 1.0	mg/L	1	12/10/2021 0:00	R303660
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		< 0.100	mg/L	1	12/10/2021 12:38	185822
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		< 6	mg/L	1	12/08/2021 10:33	R303598
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	*	5		161	mg/L	5	12/08/2021 20:20	R303645



Laboratory Results

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

Client: RJN Group

Work Order: 21120419

Client Project: NPDES/15-3069

Report Date: 13-Dec-21

Lab ID: 21120419-002

Client Sample ID: Downstream

Matrix: AQUEOUS

Collection Date: 12/07/2021 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 22ND ED. 9222 D MEMBRANE FILTER								
Fecal Coliform	*	10		80	CFU/100ml	10	12/07/2021 13:44	R303557
EPA 1664A								
Hexane Extractable Material	NELAP	6		< 6	mg/L	1	12/08/2021 10:15	R303545
EPA 600 351.2 R2.0, 353.2 R2.0								
Nitrogen, Total	*	1.0		4.0	mg/L	1	12/10/2021 0:00	R303660
EPA 600 365.4 (TOTAL)								
Phosphorus, Total (as P)	NELAP	0.100		0.387	mg/L	1	12/10/2021 12:40	185822
STANDARD METHODS 2540 D 1997, 2011								
Total Suspended Solids	NELAP	6		< 6	mg/L	1	12/08/2021 10:34	R303598
STANDARD METHODS 4500-CL E (TOTAL) 1997, 2011								
Chloride	*	5		114	mg/L	5	12/10/2021 14:56	R303720



Receiving Check List

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

Client: RJN Group

Work Order: 21120419

Client Project: NPDES/15-3069

Report Date: 13-Dec-21

Carrier: Sanjiv Vajjala

Received By: PWR

Completed by:

On:

07-Dec-21

Mary E. Kemp

Reviewed by:

On:

07-Dec-21

Elizabeth A. Hurley

Elizabeth A. Hurley

Pages to follow: Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 5.0

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

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

Water - at least one vial per sample has zero headspace?

Yes ☐

No ☐

No VOA vials ☒

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

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

pH strip #77625. - MKemp - 12/7/2021 11:59:08 AM

Work order # 21120419

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

Client:	RJN Group	Samples on: ☒ ICE	☐ BLUE ICE	☐ NO ICE	50 °C	LTG# 3
Address:	2000 South 8th St.	Preserved in: ☐ LAB	☒ FIELD	FOR LAB USE ONLY		
City / State / Zip	St. Louis, MO 63104	Lab Notes: 77625 mE 12/7/21				
Contact:	Noelle Gaspard					
E-Mail:	ngaspard@rjnmail.com					
Phone:	(314) 588-9764					
Fax:						
Client Comments						

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

Are these samples known to be hazardous? ☐ 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	Received By	Date/Time
Sanjiv Daggala	12/07 11:20 AM	[Signature]	12/7/11 11:20

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

Bottle Order: 68123



Fuller
Mick

February 1, 2021

Mr. Norm Etling
County Engineer
St. Clair County
1415 North Belt West
Belleville, IL 62226

Subject: Phase II Storm Water Permit Implementation
2021-2022 Co-Permittee Scope of Work

Dear Mr. Etling:

Complying with the intent of the established Storm Water Co-Permittee Group (Group), RJN Group, Inc. (RJN) is pleased to provide you with this proposal for consulting services for the Phase II storm water implementation for Permit Year 2021-2022. We are once again looking forward to continuing assistance with St. Clair County and the Group for the Phase II storm water initiatives. Much of this year's focus will be on continuing to meet the new requirements introduced in the National Pollutant Discharge Elimination System (NPDES) permit effective March 2016. A new updated permit is expected to be released during 2021. We have available an experienced project team to support the Group's needs in a manner as was accomplished in the previous phases of this project. Our team has the experience to prioritize project activities and guide the Group through the Phase II National Pollutant Discharge Elimination System permit implementation process.

BASIC SCOPE OF SERVICES

The scope of services is meant to provide necessary Phase II storm water plan implementation assistance over the next year (March 2021 through February 2022), which will coincide with Year 1 of the new five-year permit period. A new five-year NOI will be submitted this year.

Phase II Storm Water Activities

Phase II Storm Water Task 1 – Develop and Present Three Co-Permittee Meetings

One of the most important aspects of the Phase II plan implementation is the coordination of the Group. To accomplish this, periodic meetings with the Group will be required. RJN will develop the meeting agenda and content and prepare handouts, surveys, and PowerPoint presentations as necessary. RJN will present meeting topics and facilitate discussions during the meeting. Meeting reminders will be emailed to each Co-Permittee community.

The approximate schedule for the three meetings and general topics to be covered are summarized below:

Meeting 1	February 2021	Annual Report Preparation & New NOI for 2021-2022
Meeting 2	April 2021	Finalizing Annual Reports and Speaker



Meeting 3

October 2021

Operations Training/Best Management Practices
(BMPs) Training

Phase II Storm Water Task 2 – Minimum Control Measures (MCM) #6 – Government Operations Training Program

RJN will assemble the program content for the Government Operations Training Program. The purpose of this task is to develop a one- to three-hour training course that will concentrate on BMPs that should be used as normal municipal operations so that storm water runoff is not impacted. Specific operations to be covered in the training will include road maintenance activities, snow removal activities, road salting activities, fleet maintenance, chemical/petroleum storage and handling, and waste handling and disposal. RJN will conduct the Government Operations Training Program and present content to address sediment control and green infrastructure in accordance with the NOI.

Phase II Storm Water Task 3 – Develop Annual Reports

RJN will develop the annual reports that are required to be submitted to the Illinois Environmental Protection Agency (IEPA) for the Co-Permittee communities. The annual reports will be standardized where applicable, and the communities will provide the unique details to tailor each community's annual report. A draft will be submitted to each community for review and comment. The report will be finalized based on minor comment changes by the community. The final report will be submitted to each community for signature and submittal to the IEPA. Additionally, NOIs will be updated and submitted to the IEPA during the 2021-2022 permit year if the person responsible for MS4 compliance in the community has changed.

ESTIMATED FEE

RJN is prepared to perform the above-stated scope of services based on a lump-sum payment of \$1,800.00 per municipality for the minimum-required scope of services. Payment is required prior to RJN providing assistance with the annual reporting requirements, March 1, 2021.

RJN looks forward to the opportunity to continue the mutually beneficial relationship and to assist the Group. If you agree with the scope and terms of this proposal, please sign and date as indicated at the bottom of this page and return to RJN. Thank you for your consideration.

Sincerely,

Mita Garasia
Sr. Project Engineer

TRANSPORTATION COMMITTEE
Minutes
January 31, 2022
6:00 PM County Court House
Conference Room B 564

Members in Attendance

Richard Vernier Chairman
Marty Crawford Vice Chairman
Robert Allen
Richie Meile
Mike O'Donnell
Robert Trentman

Guests

Doctor Moore County Administrator
Robert Langford County Board
Lonnie Mosley County Board
Curtis McCall Jr. County Board
Herb Simmons ESDA Director
Randy Pierce News Media

Members Absent

Roy Mosley Jr.

The Chairman called the meeting to order with the Pledge of Allegiance at 6:00 PM.

The Expense Claim Report for December 20, 2021 to January 31, 2022 was circulated for review and signing.

Mr. Meile made a motion seconded by Mr. Allen to approve the minutes from the 12-20-2021 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.

Action Items

- 1) Mr. O'Donnell made a motion seconded by Mr. Crawford to advise the County Engineer to approve the plat for the Mernick Hills Subdivision Plat. All members present voted aye.
- 2) The County Engineer gave a briefing on the MS4 procedures and the NOI. No questions or comments were received following the update.

Resolutions:

- A) Approving Section 21-00000-01-LA authorizing the contract with Lockmueller Group and Volkert Inc. for appraisal and review appraisal services. Mr. Meile made a motion seconded by Mr. Allen to approve. All members present voted aye.
- B) Approving \$485,000.00 from the County's Rebuild Illinois Funds for design and construction of improvements to structures 082-3081 and 082-3082 on County Highway 97, Curtiss-Steinberg Road. Section 20-00304-06-BR. Mr. Crawford made a motion seconded by Mr. Allen to approve. All members present voted aye.
- C) Approving \$60,000.00 from the County's Bridge Fund for design, removal and replacement of an existing pipe culvert on County Highway 71, Saxtown Road. Section 21-00199-03-DR. Mr. O'Donnell made a motion seconded by Mr. Meile to approve. All members present voted aye.
- D) Approving a permit for Spectrum Mid America to install a buried communication cable along the east side of S. 74th Street for 1,098 feet; starting at Magna Drive. Mr. Crawford made a motion seconded by Mr. Allen to approve. All members present voted aye.
- E) Approving a permit for Spectrum Mid America to install a buried communication line along the north side of Frank Scott Parkway West and Hawkbell DR. to IL Rte. 161. Mr. O'Donnell made a motion seconded by Mr. Meile to approve. All members present voted aye.
- F) Accepting the low bid for Corrugated Steel Culvert Pipes and Bands for the various sizes bid. Mr. Trentman made a motion seconded by Mr. Allen to approve. All members present voted aye.
- G) Accept the low bids for various bituminous maintenance products for 2022. Section 22-00000-00-GM. Mr. Crawford made a motion seconded by Mr. Meile to approve. All members present voted aye.
- H) Accept the low bids for various aggregate items for 2022. Mr. Allen made a motion seconded by Mr. O'Donnell to approve. All members present voted aye.

Engineer's Report

Road widening and entrance project for Encompass Health/BJC underway
Right in and right out additional widening at Auffenberg awaiting LOC from developer.
Pickup Truck received 12-28-2021
Checked on single axle truck delivery. One is being outfitted with bed etc. The other is still at plant
Checked on 1 Ton dump trucks; still at plant.
Shop candidates Department of Agriculture testing for chemical mixing; both passed.
Old Collinsville Road joint correction project scheduled for a Summer Letting.
TARP grant receipt info for Curtis Steinberg patch and overlay-Summer 2023 letting
Frank Scott Parkway widening scheduled for March letting.
Interviewed 4 firms for various land acquisition items
MFT program prepared for all townships
Parcel info provided to Board of Review for 11 parcels
MS4 NOI sent in
2022 material bids opened 1-18-2022
FEMA class 1-26-2022
Engineer distributed the St. Clair County portion of the 2022 Priority Freight Project information.
Mr. Allen made a motion seconded by Mr. Meile to accept the Engineer's Report. All members in attendance voted aye.

The Chairman asked if there was any Old Business.

Mr. Allen asked if there were any requests for additional information about the transfer station off of Bunkum.
The engineer reported none through his office.

Mr. Trentman requested maintenance look at the Hartman Lane Bridge Deck. The engineer said he would advise accordingly.

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

Mr. Trentman made a motion seconded by Mr. Allen to adjourn.

The Chairman adjourned the meeting at 6:21 PM

F:\lenormtransagenda01-31-2022

TRANSPORTATION COMMITTEE
Minutes Monday February 28, 2022
6:00 PM County Court House
Conference Room B 564

Members In attendance

Mr. Vernier Chairman
Robert Allen
Richard Meile
Robert Trentman

Members Absent

Marty Crawford Vice Chairman
Roy Mosley Jr.
Mike O'Donnell

Guests

Chairman Kern	County Board Chair
Robert Langford	County Board
Lonnie Mosley	County Board
Scott Greenwald	County Board
Steve Gomric	County Board
Harry Hollingsworth	County Board
Herb Simmons	ESDA Director
Robert Wilhelm	County Board

The Chairman called the meeting to order with the Pledge of Allegiance at 6:00 PM.

A correction to the Agenda was noted that the meeting time was erroneously listed as 5:30 and should have been 6:00 P.M.

Mr. Allen made a motion seconded by Mr. Meile to approve the minutes from the 1-31-2022 meeting. All members present voted aye

The Chairman asked if there were any Comments on the Agenda other than the one noted above. None were presented.

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

Resolutions:

- A) Authorizing a Joint Agreement between St. Clair County and the St. Clair County Transit District for the Transit District to construct a bike trail within the right- of -way of Old Collinsville Road, County Highway 70, from Lebanon Avenue northerly for approximately 1900 feet; Section 18-00276-05-BT. Mr. Trentman made a motion to approve seconded by Mr. Allen. All members present voted aye.

- B) Authorizing an improvement to Floraville Road, County Highway 9, approximately 1050 feet northwesterly of Quirin Road. Improvement to consist of replacing the existing cross road culvert with a 36" diameter concrete pipe and incidentals. Resolution to include the authorization of \$8500.00 from the County's Bridge Fund and \$91,500.00 from the County's Rebuild Illinois Fund; Section 19-00228-03-DR. Mr. Meile made a motion seconded by Mr. Allen to approve. All members present voted aye.

Engineer's Report

Progress meeting with Ameren on their improvement projects 3-3-2022. Last one cancelled due to weather. Right in and right out additional widening at Auffenberg awaiting LOC from developer.

Green Mount widening plans from Lebanon to IL161 underway.

255 Interchange sewer meeting 2-16-2022

Potential operator promotion safety evaluation 2-11-2022. Individual promoted to operator.

Meeting on 2-18-2022 with Transit District on several issues. One relating to private development and one relating to Metrolink extension and Old 158.

Reviewed appraisals for property to be purchased in the name of the County on Imbs Station Road for 255 Interchange Project.

Preliminary plans for 255 Interchange under review

Investigate and send out Flood Plain Violation letters

Tentative Letting Schedule for 2022:

Frank Scott Parkway Widening 3-11-2022

Floraville Road Culvert Replacement 3-21-2022

Old Collinsville Road Pavement Preservation 4-29-2022

Curtis Steinberg Bridge repairs 8-22-2022

Imbs Station Road Bridge Replacement 11-18-2022

The engineer advised there is a meeting on the Curtis Steinberg Bridge Repair project on 3-7-2022 to address concerns about the bridge closing in lieu of the Amazon opening in March, the Grizzlies' schedule and holiday season. Currently the plans call for the project to be completed by 9-2022.

Mr. Allen made a motion to approve seconded by Mr. Mele all members present voted aye.

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

The Chairman asked if there was any New Business. Mr. Trentman said he would like to go on record thanking Randy Georgen for all his help on the 11th Street Project and his prompt response to questions on other issues.

Mr. Allen made a motion seconded by Mr. Trentman to adjourn.

The Chairman adjourned the meeting at 6:15 M

2021 ANNUAL REPORT

St. Clair County Clean Sweep

2021 was another big year for Clean Sweep with forty-nine scheduled cleanups, accumulating approximately 30,000 tons of waste.

During this year of COVID 19, we have been in the areas of O'Fallon, Swansea, Belleville, East St. Louis, Centreville, Cahokia, Alorton, Signal Hill, and Caseyville. Other areas have been cancelled due to COVID 19.

We assisted IEPA in collecting and hauling approximately 300 tons of tires for disposal. We continue to pick up trash at Silver Creek Preserve in Mascoutah and St. Ellen Park in O'Fallon.

We move dumpsters for special group cleanups on a weekly basis.

We continue to assist Code Enforcement and the Health Department in clearing and hauling away debris from neighborhood blighted sites throughout the County Townships.

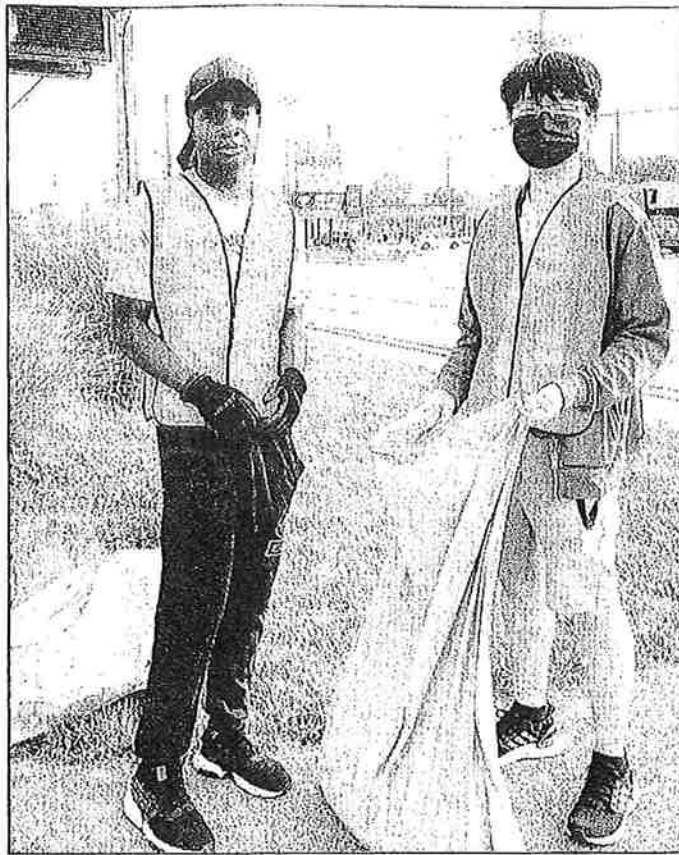
We have scheduled cleanups in St. Clair Township beginning in January 2022.

Our crew still consists of three men with hopes to add another man for our next year.

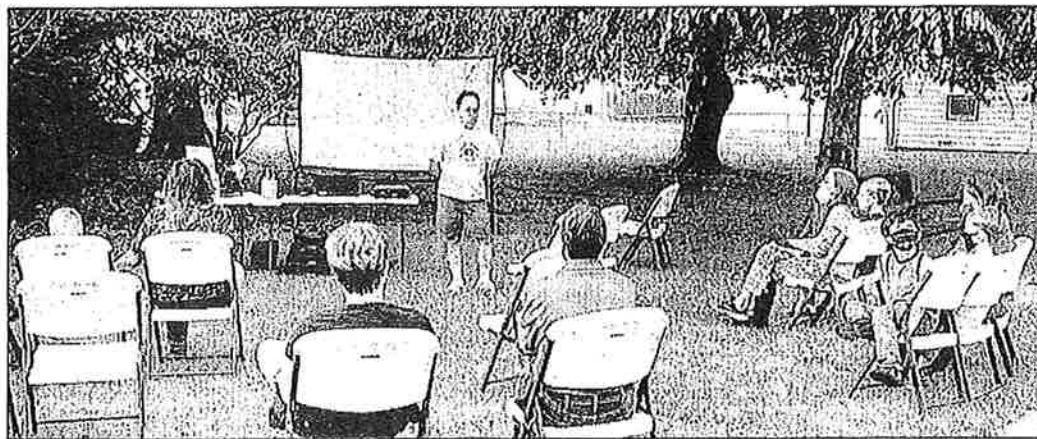
Being proactive with citizens of St. Clair County, I can see that we are deeply appreciated.

Kevin McDaniel
St. Clair County Clean Sweep

Pontiac-William Holiday School District 105 Music Director Michelle White, left, did not let the hot, sunny weather of late summer keep her from performing her duties as she wore a special piece of protective head gear outdoors at Pontiac Junior High School on a recent school day while working with students.

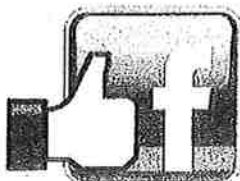


Jimmy Aderole, left, and Henry Chen, shown here on North Illinois Street, were two of the 13 people who volunteered a couple hours of their Saturday morning on September 11 to participate in the community clean-up program called "Trekking for Trash" that occurs once a month. On that day, the trekkers collected 20 bags full of litter and debris from local roadsides. Watch upcoming issues of The Tribune for further information concerning the next time this will occur.



The Caseyville Public Library hosted a "star party" on Friday evening, September 10, in the yard outside of its building, complete with lessons about astronomy, for those are interested in gazing at the nighttime skies.

Fairview Heights Tribune 9/23/2021



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Members of the Fren taken out into the dis is done periodically a served.

Free Vacc

By Randy Pierce
tribune@heraldpubs.com

Anyone age 12 and needing a coronavirus vaccine will have the opportunity to get it next Tuesday, Sept. 28, between noon and 4 p.m. at the Caseyville Village Hall, 909 South Main St.

This clinic is for those seeking a first Pfizer BioNTech vaccination needing a second one. The vaccine clinic is being offered by the Illinois Department of Public Health in partnership with the Village of Caseyville as part of outreach efforts to get more people protected from COVID-19.

Those interested in signing up for an appointment can go to <http://idph-mychart.pchos.com/IDPH/signupschedule/embeddedschedule?vt=24629&pt=9001410010955>.

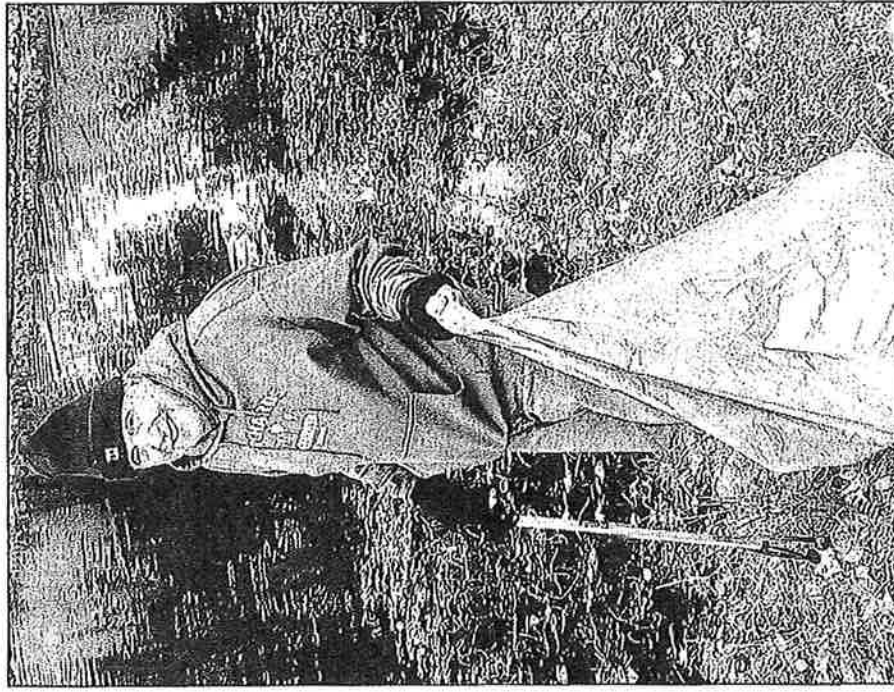
According to information released by the St. Clair County Health Department, there were 68 new positive test cases in the county from September 14 to the following day and four deaths reported during that time period, bringing the total to 528 since March 2020.

From September

Trinity Catholic Church and the items they received were as follows:

- Wine bottle and glasses
- Paula Roburg, candle with mosaic lamp shade - Jim

- George Mitchell, tall wreath
- Bob Bilzing, pumpkin
- Antings and décor - Kim
- Wallace and two porcelain dolls - Norah Dunlap.



Bob Friederich was one of 18 volunteers who were out in Fairview Heights on Saturday morning, Nov. 13, collecting litter and small bits of debris as part of the local "Trekking for Trash" program which will be occurring again on Saturday, Dec. 18.

ing of Belleville, and engineers, Thouvernot, Wade and Moerchen of Swansea, Simmons called attention to the fact that the effort was completed "under budget."

Those transit district board members in attendance who were recognized by Simmons included George Markezich, a resident of Caseyville Township, former St. Clair County Board Chairman and retired Chief Circuit Judge John Baricevic, former Swansea Mayor Mike Buehlhorn and Lonnie Mosley, vice-chairman of the St. Clair County Board. Also present were Caseyville Township Trustee Randy Gibbs and Town Clerk Justin Gough who arrived, appropriately so, on his bicycle.

Simmons further recognized the transit district director, St. Clair County Board member Ken Sharkey of Fairview Heights, who was unable to be present for the dedication.

There is a paved leg of the MetroBikeLink System that runs for 3.5 miles from the MetroLink station at St. Clair Avenue and Illi-

extending from there another 1.5 miles adjacent to the main route.

That Fairview Heights path carries us through a pastoral landscape of trees, flowers, wild creeks and historical significance connected to the time flourishing of many coal mines near what is to be a CSX Railroad line.

In the 19th century, there was a military company with the name Winslow that was a station along the St. Louis Southeastern Railway line, acquired by the Levee and Nashville Railroad in 1879, where a path extends near Fairview Heights.

All of this has unfolded since 2002 with the first section of the bike trail opened and consisted of four miles of pathway connecting SWIC to the MetroLink station in Swansea.

Further information about the bicycle trail system and public transportation in this area can be found by going to www.scctd.org.



The Tribune HERALD PUBLICATIONS

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ST. CLAIR COUNTY HEALTH DEPARTMENT

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Barbara A. Hohlt, B.S., L.E.H.P.
Executive Director

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MEMORANDUM

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

FROM: Michael Gates, Environmental Protection Coordinator

DATE: September 8, 2021

RE: **LOCAL GOVERNMENT ONLY Used Tire Collection 2021**

The Illinois Environmental Protection Agency is pleased to sponsor a used tire collection for St. Clair County. This tire collection is limited to **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 or promote this collection to the public.

The collection will be held on **Tuesday, September 21, 2021 and Wednesday, September 22, 2021 from 8:00a.m. - 3:00p.m.** both days.

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

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

Please take the necessary steps to ensure waste materials, such as bricks, lumber, and garbage are removed from each load **PRIOR** to delivery.

If you have any specific questions, please contact me or:

Michael Gates
St. Clair County Health Dept.
Desk: (618) 825-4451
Email: michael.gates@co.st-clair.il.us

Jacob McQuaid
Illinois Environmental Protection
Agency
Desk: (618) 346-5152
Email:
Jacob.McQuaid@illinois.gov



CERTIFICATE OF ATTENDANCE

NORM ETLING attended and participated in the ASCE webinar presentation on the "Investigation of Damage from Superstorm Sandy" by Joseph G. DiPompeo, PE, SECB, F.SEI, F.ASCE on April 13, 2021.

1.0 Professional Development Hour awarded.

Amount Paid: \$0.00

A handwritten signature in blue ink, reading "Stephen Noeth".

Stephen Noeth, PE, SE
Program Committee Co-chair
ASCE St. Louis Section

CERTIFICATE OF COMPLETION



Awarded to:

JAMES HARMS

for attendance of the following pipeline safety training program:

**Pipeline Emergency Response and
Damage Prevention**

Attended: January 19, 2022

Fairview Heights, IL

Course Numbers:

(IEPA) Water Operations 13492

(IEPA) Excavator 7126

This certificate may qualify for additional
In-Service Credit Hours in your state.



A handwritten signature in black ink, appearing to read "Steve Roberts".

Steve Roberts – M. Ed
Vice President of Training



EAST-WEST GATEWAY
Council of Governments



EVENT DETAIL

« All Events

Water Resources Committee (WRC) Virtual Meeting



DUE TO THE OUTBREAK OF COVID-19, THE COUNCIL'S OFFICES ARE CURRENTLY CLOSED TO THE PUBLIC AND WILL BE UNTIL FURTHER NOTICE

You can listen, talk, and/or view the February 4, 2021, meeting via:

Computer:

<https://global.gotomeeting.com/join/839034973>

Access code for meeting through computer: 839-034-973

Or

Phone:

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[Meeting packet for January 2021](#)

You can find more information about the WRC, including past meeting packets, on the [Committees](#) page.

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2022 NACE Conference (</news/603788/2022-NACE-Conference.htm>)

CALENDAR

[MORE \(/EVENTS/EVENT_LIST.ASP\)](/EVENTS/EVENT_LIST.ASP)

5/19/2022

District 5 Quarterly Meeting (</events/EventDetails.aspx?id=1641039>)