

DMRQA 43 results from IN0061841
Wayne Co.

IDEM-WATER QUALITY

JUN 24 2023

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CWA - Non-Potable Water
FINAL Performance Evaluation Report
NSI Laboratory Proficiency Testing Program
Study DMRQA-43 - Shipped: 05/19/2023 - Closed: 08/04/2023 - Reports Printed On: 08/29/2023
Participant USEPA Labcode: IN07589

Study Designed and Coordinated by:
NSI Lab Solutions
7212 ACC Blvd., Raleigh, NC 27617
ANAB Certificate#: AP-1693-1
1-800-234-7837

This evaluation report is being submitted to:
Town of Greens Fork
Attention: Michael Stuckey
PO Box 193
12 S. Water Street
Greens Fork, IN, 47345

LabCode and Accreditation Information:

Send Results to: State Only
EPA Lab Code: IN07589
State Lab Code: IN
Primary Agency: IN -- Indiana DEM/Office of Water Quality
100 North Senate Avenue MC 65-42 IGCN N1255
Indianapolis, IN 46204-2251
Reports to: IN

Participant Information

NSI Lab Code: N07589
Permittee Code: IN0061841

This report was submitted by Darlene Druley, Superintendent
Town of Greens Fork
PO Box 193
12 S. Water Street
Greens Fork, IN, 47345
765-969-1394

Please contact Quentisha Forrester at NSI Lab Solutions if you have any questions about this report.
(800) 234-7837 - quentisha.forrester@antylia.com

This PT report may contain data not covered under ANAB Accreditation. Such data is noted by an asterisk.

MIC-003 Total and Fecal Coliform - Town of Greens Fork - NSI Lab Solutions/DMRQA-43

TNI	Analyte	TNI	Method	Reported	Study	Assigned	EPA	Acceptance	Evaluation	Analysis	Analyst's	
Analyte		Method Code	Description	Value	Mean	Value	Units	Code ¹	Limits	Date	Name	
2525	E.coli, MF	n/a	Plate	20.4	1037	1040	cfu/100mL	IN07589	148 to 5450	NOT ACCEPT.	8/1/23	Druley
2500	Total Coliform, MF	-- Not Reported --	Richmond WWTP is testing E coli this year.									
2530	Fecal Coliform, MF	-- Not Reported --										
2500	Total Coliform (MPN-Multiple Tube)	-- Not Reported --										
2500	Total Coliform (MPN-Multiple Well)	-- Not Reported --										
2530	Fecal Coliform (MPN-Multiple Tube)	-- Not Reported --										
2530	Fecal Coliform (MPN-Multiple Well)	-- Not Reported --										
2525	E.coli (MPN-Multiple Tube)	-- Not Reported --										
2525	E.coli (MPN-Multiple Well)	-- Not Reported --										

Richmond WWP is testing E coli this year.

PEI-026 Demand - Town of Greens Fork - NSI Lab Solutions/DMRQA-43

TNI	Analyte	TNI	Method	Reported	Study	Assigned	Standard	EPA	Acceptance	Evaluation	Analysis	Analyst's
Analyte		Method Code	Description	Value	Mean	Value	Units	Code ¹	Limits		Date	Name
1555	Carbonaceous BOD (CBOD)	n/a	Probe	84.0	70.9	84.5	mg/L	IN07589	29.3 to 99.7	ACCEPT.	7/26/23	D Druley
1565	Chemical Oxygen Demand (COD)	-- Not Reported --										
2040	Total Organic Carbon (TOC)	-- Not Reported --										
1530	Biochemical oxygen demand	-- Not Reported --										

PEI-033 Total Residual Chlorine - Town of Greens Fork - NSI Lab Solutions/DMRQA-43

TNI	Analyte	TNI	Method	Reported	Study	Assigned	Standard	EPA	Acceptance	Evaluation	Analysis	Analyst's
Analyte		Method Code	Description	Value	Mean	Value	Units	Code ¹	Limits		Date	Name
1940	Total Residual Chlorine	n/a	Colorimeter	1.36	1.39	1.46	mg/L	IN07589	1.08 to 1.73	ACCEPT.	7/25/23	D Druley
1945	Residual Free Chlorine	-- Not Reported --										

PEI-035 pH - Town of Greens Fork - NSI Lab Solutions/DMRQA-43

TNI	Analyte	TNI	Method	Reported	Study	Assigned	Standard	EPA	Acceptance	Evaluation	Analysis	Analyst's
Analyte		Method Code	Description	Value	Mean	Value	Units	Code ¹	Limits		Date	Name
1900	pH	n/a	Probe	6.49	6.62	6.60	units	IN07589	6.40 to 6.80	ACCEPT.	8/3/23	D Druley

PEI-079 Residue - Town of Greens Fork - NSI Lab Solutions/DMRQA-43

TNI	Analyte	TNI	Method	Reported	Study	Assigned	Standard	EPA	Acceptance	Evaluation	Analysis	Analyst's
Analyte		Method Code	Description	Value	Mean	Value	Units	Code ¹	Limits		Date	Name
1950	Residue-total (TS)	n/a	Filter	368	608	623	mg/L	IN07589	561 to 685	NOT ACCEPT.	7/25/23	D Druley
1960	Residue-nonfilterable (TSS)	-- Not Reported --		36.8		37.6			27.8 - 44.1			

Assigned Values

All assigned values are established in a manner compliant with the current TNI FOT for Non-Potable Water. With the exception of TDS and Specific Conductance assigned values are equal to the analytically verified gravimetric true value of the PT sample. For TDS and Specific Conductance, the assigned value is set at the robust study mean.

I reported the results on the wrong line. I should have reported it on TSS.

Summary Results for DMRQA43**MIC003-2EA E. coli in Water - Quantitative WP
- Intended use Water Pollution/Waste Water -
BCCG3642**

This proficiency testing sample was produced in accordance with ISO/IEC 17043:2010.

Analyte	Reported Value	Assigned Value	Acceptance Window	Evaluation
SM 9223 B (Colilert® Quanti-Tray®) 18th ED (1992) 20210804				
Microbiology				
Escherichia coli, MPN 2525	248 MPN/100 mL	280 MPN/100 mL	52.9 - 1480 MPN/100 mL	Acceptable

** Unable to calculate a study mean due to <4 data points being received, therefore an effective evaluation could not be performed.