



650 North Wayne Street  
Waterloo, IN 46793  
260-408-5221  
www.sandhillenviro.com

August 25, 2022

Lynn Bowen  
Greater Olin Lake Conservancy

RE: Lake Testing

To whom it may concern :

Sandhill Environmental Services, LLC received samples for the analyses presented in the following report.

In accordance with your instructions, Sandhill conducted the analysis shown on the following pages on the samples submitted. Unless otherwise noted, all analysis was conducted using approved methodologies from the EPA, Standard Methods, or other client-specified methods. All relevant sampling information is on the attached chain-of-custody form. Any sub-contracted test results will be at the end of this report.

Certifications/Accreditation: IN# C-76-01 IN# M-76-09

This report shall not be reproduced except in full, without the written approval of the laboratory.

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

Sincerely,

*Natalie McGill*  
Natalie McGill  
Laboratory Director

# ANALYTICAL REPORT



650 North Wayne St.  
Waterloo, IN 46793  
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**Client:** Greater Olin Lake Conservancy

**Attn:** Lynn Bowen

**Key:**  
DL Detection Limit  
PL Permit Limit  
SUB (as analyst) work sub-contracted by Sandhill

**Sample ID:** Scotts Drain

**Collection Date/Time:** 08/18/2022, 10:04

**Lab ID #:** 53119

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>				<b>SM9223B</b>	<b>Analyst: K. Fuller</b>
	21.0	MPN/100mL	3.3		08/18/2022, 15:15
<b>Total Phosphorus</b>				<b>Hach 10210, E365.1 &amp; E365.3 Equivalent</b>	<b>Analyst: N. McGill</b>
	< 0.022	mg/L	0.022		08/18/2022, 14:50
<b>Total Suspended Solids</b>				<b>SM2540D</b>	<b>Analyst: J. McGill</b>
	4.4	mg/L	2.0		08/19/2022, 10:59
<b>Nitrate, as Nitrogen</b>				<b>Hach 10206, E353.2 &amp; E300.0 Equivalent</b>	<b>Analyst: N. McGill</b>
	0.287	mg/L	0.200		08/18/2022, 15:25

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**Key:**

DL

PL

SUB (as analyst)

Detection Limit

Permit Limit

work sub-contracted by  
Sandhill

**Sample ID:** Krouse Kreek

**Collection Date/ Time:** 08/18/2022, 10:25

**Lab ID #:** 53120

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>				<b>SM9223B</b>	<b>Analyst: K. Fuller</b>
	1,025.3	MPN/100mL	3.3		08/18/2022, 15:15
<b>Total Phosphorus</b>				<b>Hach 10210, E365.1 &amp; E365.3 Equivalent</b>	<b>Analyst: N. McGill</b>
	< 0.022	mg/L	0.022		08/18/2022, 14:50
<b>Total Suspended Solids</b>				<b>SM2540D</b>	<b>Analyst: J. McGill</b>
	7.4	mg/L	2.0		08/19/2022, 10:59
<b>Nitrate, as Nitrogen</b>				<b>Hach 10206, E353.2 &amp; E300.0 Equivalent</b>	<b>Analyst: N. McGill</b>
	2.69	mg/L	0.200		08/18/2022, 15:25

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Detection Limit  
Permit Limit  
work sub-contracted by  
Sandhill

**Sample ID:** Billman Ditch

**Collection Date/ Time:** 08/18/2022, 10:32

**Lab ID #:** 53121

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>				<b>SM9223B</b>	<b>Analyst: K. Fuller</b>
	614.0	MPN/100mL	3.3		08/18/2022, 15:15
<b>Total Phosphorus</b>				<b>Hach 10210, E365.1 &amp; E365.3 Equivalent</b>	<b>Analyst: N. McGill</b>
	0.078	mg/L	0.022		08/18/2022, 14:50
<b>Total Suspended Solids</b>				<b>SM2540D</b>	<b>Analyst: J. McGill</b>
	28	mg/L	2.0		08/19/2022, 10:59
<b>Nitrate, as Nitrogen</b>				<b>Hach 10206, E353.2 &amp; E300.0 Equivalent</b>	<b>Analyst: N. McGill</b>
	4.40	mg/L	0.200		08/18/2022, 15:25

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Detection Limit

Permit Limit

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Sandhill

**Sample ID:** Truman- Flint

**Collection Date/ Time:** 08/18/2022, 11:39

**Lab ID #:** 53122

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>					<b>Analyst: K. Fuller</b>
	430.3	MPN/100mL	3.3		08/18/2022, 15:15
<b>Total Phosphorus</b>					<b>Analyst: N. McGill</b>
	0.046	mg/L	0.022		08/18/2022, 14:50
<b>Total Suspended Solids</b>					<b>Analyst: J. McGill</b>
	4.4	mg/L	2.0		08/19/2022, 10:59
<b>Nitrate, as Nitrogen</b>					<b>Analyst: N. McGill</b>
	0.822	mg/L	0.200		08/18/2022, 15:25

# ANALYTICAL REPORT



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**Client:** Greater Olin Lake Conservancy

**Attn:** Lynn Bowen

**Key:**

DL Detection Limit  
PL Permit Limit  
SUB (as analyst) work sub-contracted by Sandhill

**Sample ID:** Dove Creek

**Collection Date/ Time:** 08/18/2022, 9:46

**Lab ID #:** 53123

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>				<b>SM9223B</b>	<b>Analyst: K. Fuller</b>
	40.3	MPN/100mL	3.3		08/18/2022, 15:15
<b>Total Phosphorus</b>				<b>Hach 10210, E365.1 &amp; E365.3 Equivalent</b>	<b>Analyst: N. McGill</b>
	0.064	mg/L	0.022		08/18/2022, 14:50
<b>Total Suspended Solids</b>				<b>SM2540D</b>	<b>Analyst: J. McGill</b>
	6.2	mg/L	2.0		08/19/2022, 10:59
<b>Nitrate, as Nitrogen</b>				<b>Hach 10206, E353.2 &amp; E300.0 Equivalent</b>	<b>Analyst: N. McGill</b>
	< 0.200	mg/L	0.200		08/18/2022, 15:25

# CHAIN OF CUSTODY RECORD



## Sandhill Environmental Services, LLC.

650 North Wayne St.  
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260-408-5221

Turn Time: <input type="checkbox"/> Standard <input type="checkbox"/> Rush- Report by Date: _____ Rush turn times will incur a surcharge and must be pre-approved by the lab.	<b>Matrix Code:</b> DW-Drinking Water WW-Wastewater STW- Stormwater SW- Surface water
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<b>Client Information</b>		<b>Billing Information (if different)</b>		PO Number:
Company Name:	Greater Olin Lake Conservancy			Project Name/Number:
Contact Name:	Lynn R Bowen			<b>GOLC</b>
Address:				<b>Sampler's Signature:</b>
City, State, Zip:				<i>[Signature]</i>
Phone:	(260) 499-1641			Laboratory Number(s):
Fax:				53119-53123
E-mail:	<a href="mailto:waveman55@embarqmail.com">waveman55@embarqmail.com</a>			Preferred Method of Correspondence:
				<input checked="" type="radio"/> E-mail <input type="radio"/> Fax <input type="radio"/> Mail

Sample ID/Location Description	Collection Information		Grab or Composite	Matrix	Quantity	Container		Requested Test					Comments	
	Date	Time				Type p=plastic g=glass v=vial	Pres.	E. Coli	Nitrate	T. Phos	TSS			
Scotts Drain	8/18/02	10:04	G	Sw	2	P	So, u	X	X	X	X			Location: Scotts Drain Date/Time: 8/18/02 10:04 pH: 7.5 TEMP 78 DS02 9.3
Krouse Kreek	8/18/02	10:25	G	Sw	2	P	So, u	X	X	X	X			Location: Krouse Kreek Date/Time: 8/18/02 10:25 pH: 8.0 TEMP 59 DS02 16.0
Billman Ditch	8/18/02	10:32	G	sw	2	p	So, u	X	X	X	X			Location: Billman Ditch Date/Time: 8/18/02 10:32
Truman-Flint	8/18/02	11:39	G	sw	2	p	So, u	X	X	X	X			Location: Truman-Flint Date/Time: 8/18/02 11:39 pH: 7.5 TEMP 64 DS02 8.0
Dove Creek	8/18/02	9:46	G	sw	2	p	So, u	X	X	X	X			Location: Dove Creek Date/Time: 8/18/02 9:46 pH: 7.5 TEMP 64 DS02 9.0
<b>Relinquished By</b>	<b>Date/Time</b>		<b>Received By</b>				<b>Date/Time</b>		Temp. upon Receipt:		<b>Preservation Code:</b>			
<i>E. Pudyly</i>	8-18-22/1430		<i>[Signature]</i>				8-18-22/1300		6.3 °C		N = HNO <sub>3</sub> / Nitric Acid    U = Unpreserved, Cooled to 4°C S = H <sub>2</sub> SO <sub>4</sub> / Sulfuric Acid    OH = NaOH / Sodium Hydroxide H = HCl / Hydrochloric Acid    SO = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> / Sodium Thiosulfate			
							8/18/22, 1430							

< 2hrs old