



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

July 7, 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  
Phone: 260-408-5221  
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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:** 07/05/2022, 10:14

**Lab ID #:** 51810

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>				<b>SM9223B</b>	<b>Analyst: N. McGill</b>
	> 4,839.2	MPN/100mL	2.0		07/05/2022, 16:00
<b>Total Phosphorus</b>				<b>Hach 10210, E365.1 &amp; E365.3 Equivalent</b>	<b>Analyst: N. McGill</b>
	0.214	mg/L	0.022		07/05/2022, 16:15
<b>Total Suspended Solids</b>				<b>SM2540D</b>	<b>Analyst: J. McGill</b>
	30	mg/L	2.0		07/08/2022, 11:07
<b>Nitrate, as Nitrogen</b>				<b>Hach 10206, E353.2 &amp; E300.0 Equivalent</b>	<b>Analyst: N. McGill</b>
	3.81	mg/L	0.200		07/06/2022, 13:55

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DL

PL

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Detection Limit

Permit Limit

work sub-contracted by  
Sandhill

**Sample ID:** Krouse Kreek

**Collection Date/ Time:** 07/05/2022, 10:23

**Lab ID #:** 51811

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>				<b>SM9223B</b>	<b>Analyst: N. McGill</b>
	> 4,839.2	MPN/100mL	2.0		07/05/2022, 16:00
<b>Total Phosphorus</b>				<b>Hach 10210, E365.1 &amp; E365.3 Equivalent</b>	<b>Analyst: N. McGill</b>
	0.205	mg/L	0.022		07/05/2022, 16:15
<b>Total Suspended Solids</b>				<b>SM2540D</b>	<b>Analyst: J. McGill</b>
	84	mg/L	2.0		07/08/2022, 11:07
<b>Nitrate, as Nitrogen</b>				<b>Hach 10206, E353.2 &amp; E300.0 Equivalent</b>	<b>Analyst: N. McGill</b>
	3.21	mg/L	0.200		07/06/2022, 13:55

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**Key:**

DL  
PL  
SUB (as analyst)

Detection Limit  
Permit Limit  
work sub-contracted by  
Sandhill

**Sample ID:** Billman Ditch

**Collection Date/ Time:** 07/05/2022, 10:28

**Lab ID #:** 51812

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>				<b>SM9223B</b>	<b>Analyst: N. McGill</b>
	> 4,839.2	MPN/100mL	2.0		07/05/2022, 16:00
<b>Total Phosphorus</b>				<b>Hach 10210, E365.1 &amp; E365.3 Equivalent</b>	<b>Analyst: N. McGill</b>
	0.335	mg/L	0.022		07/05/2022, 16:15
<b>Total Suspended Solids</b>				<b>SM2540D</b>	<b>Analyst: J. McGill</b>
	100	mg/L	2.0		07/08/2022, 11:07
<b>Nitrate, as Nitrogen</b>				<b>Hach 10206, E353.2 &amp; E300.0 Equivalent</b>	<b>Analyst: N. McGill</b>
	3.81	mg/L	0.200		07/06/2022, 13:55

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**Key:**

DL

PL

SUB (as analyst)

Detection Limit

Permit Limit

work sub-contracted by  
Sandhill

**Sample ID:** Truman- Flint

**Collection Date/ Time:** 07/05/2022, 11:45

**Lab ID #:** 51813

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>				<b>SM9223B</b>	<b>Analyst: N. McGill</b>
	> 4,839.2	MPN/100mL	2.0		07/05/2022, 16:00
<b>Total Phosphorus</b>				<b>Hach 10210, E365.1 &amp; E365.3 Equivalent</b>	<b>Analyst: N. McGill</b>
	0.244	mg/L	0.022		07/05/2022, 16:15
<b>Total Suspended Solids</b>				<b>SM2540D</b>	<b>Analyst: J. McGill</b>
	44	mg/L	2.0		07/08/2022, 11:07
<b>Nitrate, as Nitrogen</b>				<b>Hach 10206, E353.2 &amp; E300.0 Equivalent</b>	<b>Analyst: N. McGill</b>
	1.94	mg/L	0.200		07/06/2022, 13:55

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**Client:** Greater Olin Lake Conservancy

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**Key:**

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

**Sample ID:** Dove Creek

**Collection Date/ Time:** 07/05/2022, 10:01

**Lab ID #:** 51814

**Collected By:** Client

Analyses	Result	Units	DL	PL	Date/Time
<b>E.coli</b>					<b>Analyst: N. McGill</b>
	> 4,839.2	MPN/100mL	2.0		07/05/2022, 16:00
<b>Total Phosphorus</b>					<b>Analyst: N. McGill</b>
	0.261	mg/L	0.022		07/05/2022, 16:15
<b>Total Suspended Solids</b>					<b>Analyst: J. McGill</b>
	15	mg/L	2.0		07/08/2022, 11:07
<b>Nitrate, as Nitrogen</b>					<b>Analyst: N. McGill</b>
	0.743	mg/L	0.200		07/06/2022, 13:55

# CHAIN OF CUSTODY RECORD



## Sandhill Environmental Services, LLC.

650 North Wayne St.  
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Turn Time:

Standard

Rush- Report by Date: \_\_\_\_\_

Rush turn times will incur a surcharge and must be pre-approved by the lab.

Matrix Code:

DW-Drinking Water

WW-Wastewater

STW- Stormwater

SW- Surface water

<b>Client Information</b>		<b>Billing Information (if different)</b>	PO Number:
Company Name:	Greater Olin Lake Conservancy		Project Name/Number: 60LC
Contact Name:	Lynn R Bowen		<b>Sampler's Signature:</b> <i>[Signature]</i>
Address:			Laboratory Number(s): 51810-51814
City, State, Zip:			Preferred Method of Correspondence: <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Fax <input type="checkbox"/> Mail
Phone:	(260) 499-1641		
Fax:			
E-mail:	<a href="mailto:waveman55@embarqmail.com">waveman55@embarqmail.com</a>		

Sample ID/Location Description	Date	Time	Collection Information		Container			Requested Test					Comments	
			Grab or Composite	Matrix	Quantity	Type p=plastic g=glass v=vial	Pres.	E. Coli	Nitrate	T. Phos	TSS	Location:		
Scotts Drain	7/5/2022	10:14	G	Sw	2	P	So, u	X	X	X	X			Location: Scotts Drain Date/Time: 7/5/22 10:14 pH: 8.0 72° TEMP
Krouse Kreek	7/5/2022	10:23	G	Sw	2	P	So, u	X	X	X	X			Location: Krouse Kreek Date/Time: 7/5/22 10:23 pH: 8.2 62° TEMP
Billman Ditch	7/5/2022	10:28	G	sw	2	p	So, u	X	X	X	X			Location: Billman Ditch Date/Time: 7/5/22 10:28 pH: 8.1 66° TEMP
Truman-Flint	7/5/2022	11:45	G	sw	2	p	So, u	X	X	X	X			Location: Truman-Flint Date/Time: 7/5/2022 11:45 pH: 8.1 69° TEMP
Dove Creek	7/5/2022	11:01	G	sw	2	p	So, u	X	X	X	X			Location: Dove Creek Date/Time: 7/5/22 10:01 pH: 7.0 TEMP 8.0

<b>Relinquished By</b> <i>[Signature]</i>	Date/Time	Received By	Date/Time	Temp. upon Receipt: 7.3 °C Or < 2hrs old	Preservation Code: N = HNO <sub>3</sub> / Nitric Acid S = H <sub>2</sub> SO <sub>4</sub> / Sulfuric Acid H = HCl / Hydrochloric Acid U = Unpreserved, Cooled to 4°C OH = NaOH / Sodium Hydroxide SO = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> / Sodium Thiosulfate
	7-5-22/1520	<i>[Signature]</i>	7-5-22/1440 7/5/22, 1525		