



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

May 19, 2022

Lynn Bowen
Greater Olin Lake Conservancy

RE: Whom Testing

To whom it may concern :

Sandhill Environmental Services, LLC collected 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
www.sandhillenviro.com

Client: Greater Olin Lake Conservancy

Attn: Lynn Bowen

Key:

DL

PL

SUB (as analyst)

Detection Limit

Permit Limit

work sub-contracted by Sandhill

Sample ID: Scotts Drain

Collection Date Time: 05/10/2022 , 10:00

Lab ID #: 50467

Collected By: E. Rupley

Analyses	Result	Units	DL	PL	Date/Time
Dissolved Oxygen			SM4500-O		Analyst: E. Rupley
	9.1	mg/L			05/10/2022, 10:00
pH			SM4500H-B		Analyst: E. Rupley
	8.43	pH units			05/10/2022, 10:00
Temperature					Analyst: E. Rupley
	55.9	Degrees			05/10/2022, 10:00
E.coli			SM9223B		Analyst: K. Fuller
	71.2	MPN/100mL	1.0		05/10/2022, 15:12
Total Phosphorus			Hach 10210, E365.1 & E365.3 Equivalent		Analyst: N. McGill
	< 0.022	mg/L	0.022		05/11/2022, 10:00
Total Suspended Solids			SM2540D		Analyst: J. McGill
	3.6	mg/L	2.0		05/13/2022, 8:41
Nitrate, as Nitrogen			Hach 10206, E353.2 & E300.0 Equivalent		Analyst: N. McGill
	0.510	mg/L	0.200		05/11/2022, 13:15

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Sandhill

Sample ID: Krouse Kreek

Collection Date Time: 05/10/2022, 10:20

Lab ID #: 50468

Collected By: E. Rupley

Analyses	Result	Units	DL	PL	Date/Time
Dissolved Oxygen				SM4500-O	Analyst: E. Rupley
	10.6	mg/L			05/10/2022, 10:20
pH				SM4500H-B	Analyst: E. Rupley
	8.40	pH units			05/10/2022, 10:20
Temperature					Analyst: E. Rupley
	53.8	Degrees			05/10/2022, 10:20
E.coli				SM9223B	Analyst: K. Fuller
	275.5	MPN/100mL	1.0		05/10/2022, 15:12
Total Phosphorus				Hach 10210, E365.1 & E365.3 Equivalent	Analyst: N. McGill
	< 0.022	mg/L	0.022		05/11/2022, 10:00
Total Suspended Solids				SM2540D	Analyst: J. McGill
	4.6	mg/L	2.0		05/13/2022, 8:41
Nitrate, as Nitrogen				Hach 10206, E353.2 & E300.0 Equivalent	Analyst: N. McGill
	3.03	mg/L	0.200		05/11/2022, 13:15

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PL
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Detection Limit
Permit Limit
work sub-contracted by
Sandhill

Sample ID: Billman Ditch

Collection Date Time: 05/10/2022, 10:30

Lab ID #: 50469

Collected By: E. Rupley

Analyses	Result	Units	DL	PL	Date/Time
Dissolved Oxygen				SM4500-O	Analyst: E. Rupley
	10.4	mg/L			05/10/2022, 10:30
pH				SM4500H-B	Analyst: E. Rupley
	8.33	pH units			05/10/2022, 10:30
Temperature					Analyst: E. Rupley
	54.4	Degrees			05/10/2022, 10:30
E.coli				SM9223B	Analyst: K. Fuller
	111.9	MPN/100mL	1.0		05/10/2022, 15:12
Total Phosphorus				Hach 10210, E365.1 & E365.3 Equivalent	Analyst: N. McGill
	0.025	mg/L	0.022		05/11/2022, 10:00
Total Suspended Solids				SM2540D	Analyst: J. McGill
	5.0	mg/L	2.0		05/13/2022, 8:41
Nitrate, as Nitrogen				Hach 10206, E353.2 & E300.0 Equivalent	Analyst: N. McGill
	4.10	mg/L	0.200		05/11/2022, 13:15

ANALYTICAL REPORT



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work sub-contracted by
Sandhill

Sample ID: Truman- Flint

Collection Date Time: 05/10/2022, 11:00

Lab ID #: 50470

Collected By: E. Rupley

Analyses	Result	Units	DL	PL	Date/Time
Dissolved Oxygen				SM4500-O	Analyst: E. Rupley
	10.1	mg/L			05/10/2022, 11:00
pH				SM4500H-B	Analyst: E. Rupley
	8.27	pH units			05/10/2022, 11:00
Temperature					Analyst: E. Rupley
	56.6	Degrees			05/10/2022, 11:00
E.coli				SM9223B	Analyst: K. Fuller
	307.6	MPN/100mL	1.0		05/10/2022, 15:12
Total Phosphorus				Hach 10210, E365.1 & E365.3 Equivalent	Analyst: N. McGill
	< 0.022	mg/L	0.022		05/11/2022, 10:00
Total Suspended Solids				SM2540D	Analyst: J. McGill
	2.4	mg/L	2.0		05/13/2022, 8:41
Nitrate, as Nitrogen				Hach 10206, E353.2 & E300.0 Equivalent	Analyst: N. McGill
	3.20	mg/L	0.200		05/11/2022, 13:15

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

Sample ID: Dove Creek

Collection Date Time: 05/10/2022, 11:35

Lab ID #: 50471

Collected By: E. Rupley

Analyses	Result	Units	DL	PL	Date/Time
Dissolved Oxygen				SM4500-O	Analyst: E. Rupley
	8.7	mg/L			05/10/2022, 11:35
pH				SM4500H-B	Analyst: E. Rupley
	8.05	pH units			05/10/2022, 11:35
Temperature					Analyst: E. Rupley
	62.2	Degrees			05/10/2022, 11:35
E.coli				SM9223B	Analyst: K. Fuller
	53.7	MPN/100mL	1.0		05/10/2022, 15:12
Total Phosphorus				Hach 10210, E365.1 & E365.3 Equivalent	Analyst: N. McGill
	0.064	mg/L	0.022		05/11/2022, 10:00
Total Suspended Solids				SM2540D	Analyst: J. McGill
	6.6	mg/L	2.0		05/13/2022, 8:41
Nitrate, as Nitrogen				Hach 10206, E353.2 & E300.0 Equivalent	Analyst: N. McGill
	1.61	mg/L	0.200		05/11/2022, 13:15

CHAIN OF CUSTODY RECORD



Sandhill Environmental Services, LLC.
 650 North Wayne St.
 Waterloo, IN 46793
 260-408-5221

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

Client Information		Billing Information (if different)		PO Number:
Company Name:	Greater Olin Lake Conservancy			Project Name/Number:
Contact Name:	Lynn R Bowen			Sampler's Signature: <i>E. Murphy</i>
Address:				
City, State, Zip:				Laboratory Number(s): 50467-50471
Phone:	(260) 499-1641			Preferred Method of Correspondence:
Fax:				E-mail Fax Mail
E-mail:	waveman55@embarqmail.com			

Sample ID/Location Description	Collection Information			Container			Requested Test							Comments	
	Date	Time	Grab or Composite Matrix	Quantity	Type p=plastic g=glass v=vial	Pres.	E. Coli	Nitrate	T. Phos	TSS					
Scotts Drain	5-10-22	1000	G Sw	2	P	So, u	X	X	X	X					Location: <u>Scotts Drain</u> Date/Time: <u>5-10-22/1000</u> pH: <u>8.43</u> D.O. <u>9.1</u> <u>53.9°F</u>
Krouse Creek		1020	G Sw	2	P	So, u	X	X	X	X					Location: <u>Krouse Creek</u> Date/Time: <u>5-10-22/1020</u> pH: <u>8.40</u> D.O. <u>10.6</u> <u>53.8°F</u>
Billman Ditch		1030	G sw	2	p	So, u	X	X	X	X					Location: <u>Billman Ditch</u> Date/Time: <u>5-10-22/1030</u> pH: <u>8.33</u> D.O. <u>10.4</u> <u>54.4°F</u>
Truman - Flint		1100	G sw	2	p	So, u	X	X	X	X					Location: <u>Truman - Flint</u> Date/Time: <u>5-10-22/1100</u> pH: <u>8.27</u> D.O. <u>10.1</u> <u>56.6°F</u>
Dove Creek		1135	G sw	2	P		↓	↓	↓	↓	8.05	D.O.	8.7	62.2°F	

Relinquished By <i>E. Murphy</i>	Date/Time 5-10-22/1410	Received By <i>J. McKin</i>	Date/Time 1415 051022	Temp. upon Receipt: 10.0 °c Or < 2hrs old	Preservation Code: N = HNO ₃ / Nitric Acid U = Unpreserved, Cooled to 4°C S = H ₂ SO ₄ / Sulfuric Acid OH = NaOH / Sodium Hydroxide H = HCl / Hydrochloric Acid SO = Na ₂ S ₂ O ₃ / Sodium Thiosulfate
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