



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

June 21, 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
www.sandhillenviro.com

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: 06/07/2022, 10:03

Lab ID #: 51170

Collected By: Client

| Analyses | Result | Units | DL | PL | Date/Time |
|-------------------------------|---------|-----------|-------|---|---------------------------|
| E.coli | | | | SM9223B | Analyst: K. Fuller |
| | 1,732.9 | MPN/100mL | 1.0 | | 06/07/2022, 16:25 |
| Total Phosphorus | | | | Hach 10210, E365.1 & E365.3 Equivalent | Analyst: N. McGill |
| | 0.034 | mg/L | 0.022 | | 06/07/2022, 16:05 |
| Total Suspended Solids | | | | SM2540D | Analyst: J. McGill |
| | 6.2 | mg/L | 2.0 | | 06/10/2022, 10:00 |
| Nitrate, as Nitrogen | | | | Hach 10206, E353.2 & E300.0 Equivalent | Analyst: N. McGill |
| | 0.279 | mg/L | 0.200 | | 06/08/2022, 13:40 |

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PL

SUB (as analyst)

Detection Limit

Permit Limit

work sub-contracted by
Sandhill

Sample ID: Krouse Kreek

Collection Date/ Time: 06/07/2022, 10:26

Lab ID #: 51171

Collected By: Client

| Analyses | Result | Units | DL | PL | Date/Time |
|-------------------------------|--------|-----------|-------|---|---------------------------|
| E.coli | | | | SM9223B | Analyst: K. Fuller |
| | 866.4 | MPN/100mL | 1.0 | | 06/07/2022, 16:25 |
| Total Phosphorus | | | | Hach 10210, E365.1 & E365.3 Equivalent | Analyst: N. McGill |
| | 0.042 | mg/L | 0.022 | | 06/07/2022, 16:05 |
| Total Suspended Solids | | | | SM2540D | Analyst: J. McGill |
| | 15 | mg/L | 2.0 | | 06/10/2022, 10:00 |
| Nitrate, as Nitrogen | | | | Hach 10206, E353.2 & E300.0 Equivalent | Analyst: N. McGill |
| | 3.19 | mg/L | 0.200 | | 06/08/2022, 13:40 |

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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: 06/07/2022, 10:37

Lab ID #: 51172

Collected By: Client

| Analyses | Result | Units | DL | PL | Date/Time |
|-------------------------------|---------|-----------|-------|---|---------------------------|
| E.coli | | | | SM9223B | Analyst: K. Fuller |
| | 1,732.9 | MPN/100mL | 1.0 | | 06/07/2022, 16:25 |
| Total Phosphorus | | | | Hach 10210, E365.1 & E365.3 Equivalent | Analyst: N. McGill |
| | 0.113 | mg/L | 0.022 | | 06/07/2022, 16:05 |
| Total Suspended Solids | | | | SM2540D | Analyst: J. McGill |
| | 32 | mg/L | 2.0 | | 06/10/2022, 10:00 |
| Nitrate, as Nitrogen | | | | Hach 10206, E353.2 & E300.0 Equivalent | Analyst: N. McGill |
| | 4.30 | mg/L | 0.200 | | 06/08/2022, 13:40 |

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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: 06/07/2022, 11:38

Lab ID #: 51173

Collected By: Client

| Analyses | Result | Units | DL | PL | Date/Time |
|-------------------------------|--------|-----------|-------|----|---------------------------|
| E.coli | | | | | Analyst: K. Fuller |
| | 261.3 | MPN/100mL | 1.0 | | 06/07/2022, 16:25 |
| Total Phosphorus | | | | | Analyst: N. McGill |
| | 0.033 | mg/L | 0.022 | | 06/07/2022, 16:05 |
| Total Suspended Solids | | | | | Analyst: J. McGill |
| | 6.2 | mg/L | 2.0 | | 06/10/2022, 10:00 |
| Nitrate, as Nitrogen | | | | | Analyst: N. McGill |
| | 2.04 | mg/L | 0.200 | | 06/08/2022, 13:40 |

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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: 06/07/2022, 12:26

Lab ID #: 51174

Collected By: Client

| Analyses | Result | Units | DL | PL | Date/Time |
|-------------------------------|----------|-----------|-------|---|---------------------------|
| E.coli | | | | SM9223B | Analyst: K. Fuller |
| | >2,419.6 | MPN/100mL | 1.0 | | 06/07/2022, 16:25 |
| Total Phosphorus | | | | Hach 10210, E365.1 & E365.3 Equivalent | Analyst: N. McGill |
| | 0.158 | mg/L | 0.022 | | 06/07/2022, 16:05 |
| Total Suspended Solids | | | | SM2540D | Analyst: J. McGill |
| | 5.2 | mg/L | 2.0 | | 06/10/2022, 10:00 |
| Nitrate, as Nitrogen | | | | Hach 10206, E353.2 & E300.0 Equivalent | Analyst: N. McGill |
| | 1.88 | mg/L | 0.200 | | 06/08/2022, 13:40 |

CHAIN OF CUSTODY RECORD



Sandhill Environmental Services, LLC.

650 North Wayne St.
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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: |
| Address: | | | |
| City, State, Zip: | | | Laboratory Number(s): |
| Phone: | (260) 499-1641 | | 51170 A/B - 51174 A/B |
| Fax: | | | Preferred Method of Correspondence: |
| E-mail: | waveman55@embarqmail.com | | E-mail Fax 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 | 6/7/2022 | 10:03 | G | SW | 2 | P | So, u | X | X | X | X | | | | Location: SCOTTS DRAIN Date/Time: 6/7/2022 10:03 pH: 8.2 TEMP 60°F |
| KROUSE CREEK | 6/7/2022 | 10:26 | G | SW | 2 | P | So, u | X | X | X | X | | | | Location: KROUSE CREEK Date/Time: 6/7/2022 10:26 pH: 8.2 TEMP 57°F |
| BILLMAN DITCH | 6/7/2022 | 10:37 | G | SW | 2 | P | So, u | X | X | X | X | | | | Location: BILLMAN DITCH Date/Time: 6/7/2022 10:37 pH: 8.1 TEMP 59°F |
| TRUMAN FLINT | 6/7/2022 | 11:38 | G | SW | 2 | P | So, u | X | X | X | X | | | | Location: TRUMAN FLINT Date/Time: 6/7/2022 11:38 pH: 8.2 TEMP 71°F |
| DOVE CREEK OVER FOR DC | 6/7/2022 | 12:26 | | | | | | | | | | | | | |
| Relinquished By | Date/Time | | Received By | | | Date/Time | | Temp. upon Receipt: | | Preservation Code: | | | | | |
| E. Rydberg | 6-7-22/1525 | | E. Rydberg | | | 6-7-22/1340 | | 6-6 °C | | N = HNO ₃ / Nitric Acid U = Unpreserved, Cooled to 4°C | | | | | |
| | | | J. [Signature] | | | 1525 | | Or | | S = H ₂ SO ₄ / Sulfuric Acid OH = NaOH / Sodium Hydroxide | | | | | |
| | | | | | | 060722 | | < 2hrs old | | H = HCl / Hydrochloric Acid SO = Na ₂ S ₂ O ₃ / Sodium Thiosulfate | | | | | |

PLEASE DO DISSOLVED O₂ AS WELL. IF POSSIBLE