

## Station Summary

Waterbody Name  
OCONTO RIVERWBIC  
440200Field Seq no. generated by SWIMS  
153279872SWIMS Station ID  
433032SWIMS Station Name  
OCONTO RIVER - OLD STH 141 BRIDGE

Field Sample ID (retrieval date)

20070925 - 43-01

Basin (WMU)  
GREEN BAYWatershed Name  
LOWER OCONTO RIVERCounty  
OCONTO

Project Name

LARGE RIVERS MONITORING

Latitude

44.8585479

Longitude

-88.0486132

Determination Method

Datum Used

Site Access Details:

## Sample and Site Descriptors

## Sampling Device

☒ Standard Non-wadeable Hester Dendy Hester Dendy Area Calculation = Plate Size (cm) \_\_\_\_\_

Number of Plates \_\_\_\_\_

☐ Other Device: \_\_\_\_\_ Device Area Calculation = Plate Size (cm) \_\_\_\_\_

## Habitat Sampled

☐ Suspended☒ River Bed

Snags (no./100m) \_\_\_\_\_

Avg. size (dbh) \_\_\_\_\_

Coniferous and/or Deciduous (circle)

Riparian Land Use, Vegetation, and Condition:

wooded corridor, downstream of PERC regulated  
Dam

## Substrate Composition

Bedrock \_\_\_\_\_ %

Boulder \_\_\_\_\_ %

Cobble 20 %Gravel 80 %

Sand \_\_\_\_\_ %

Silt \_\_\_\_\_ %

Clay \_\_\_\_\_ %

Muck \_\_\_\_\_ %

Aquatic Macrophytes \_\_\_\_\_ % CWD \_\_\_\_\_ %

Other (\_\_\_\_\_): \_\_\_\_\_ %

## Field Measurements

|                                       | Deployment | Retrieval | Total Colonization Time (Days) |
|---------------------------------------|------------|-----------|--------------------------------|
| Date:                                 | 7/17/17    | 9/25/17   | 68                             |
| Time:                                 | 15:00      | 11:00     |                                |
| Personnel:                            | Hudak      | Hudak     |                                |
| Water Depth at Location (m):          | 1 m        | 1 m       |                                |
| Sampler Height Above Substrate (m):   | 0.5 m      | 0.5 m     |                                |
| Bank Placement: R L                   | R          | R         |                                |
| Distance From Bank:                   | 5 m        | 5 m       |                                |
| Water Temp (C):                       | 23.6       | 22.11     |                                |
| Water Color (clear, turbid, stained): | clear      | clear     |                                |
| D.O. (mg/L):                          | 8.2        | 8.9       |                                |
| pH:                                   | 7.9        | 7.9       |                                |
| Conductivity:                         | .268       | .291      |                                |
| Transparency Tube (cm):               | 7122       | 7127      |                                |
| Turbidity (NTUs):                     |            |           |                                |
| Water Velocity (m/s):                 |            |           |                                |

# Non-Wadeable Macroinvertebrate Field Data Report

Form 3200-136 (R 10/11)

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Draw Map:

10-24-18 259089

Ethanol replaced the second day?

Yes

No

Label on inside of jar?

Yes

No

Label on outside of jar?

Yes

No

Additional Notes:

## For Lab Use Only

|                                     |                                                             |                                            |
|-------------------------------------|-------------------------------------------------------------|--------------------------------------------|
| Sample Sorter<br>Kiersten Czarnedki | Taxonomist<br>Dimick Jeffery                                | Estimated Percent of Sample Sorted<br>12.5 |
| Date Processed<br>10/17/2018        | Specimens Saved<br>Subsample archived in ABC until Dec 2021 |                                            |

H2=43 J2=33 L2=46 > 239 6 samples L4= L3= F5= ES= 95= > 349 = 588  
L2=37 K1=19 K4=42

| Taxa                                      | Life Stage   | Bench Tally         | Count | Taxonomic Reference | Condition | Unique Taxon | L/R Y/N |
|-------------------------------------------|--------------|---------------------|-------|---------------------|-----------|--------------|---------|
| Baetis intercalaris                       | L            | 1                   | 1     | Klob 2016           |           |              | N       |
| Heptageniidae                             | L            | 1/1                 | 3     | "                   | imm       | N            |         |
| Stenocranus                               | L            | 1                   | 1     | "                   | imm       |              |         |
| Maccaffertium                             | L            | 0-1111              | 29    | "                   | imm       | Y            |         |
| M. medipunctatum                          | L            | -1                  | 6     | "                   |           |              |         |
| M. modestum                               | L            | 11                  | 2     | "                   |           |              |         |
| Leptophlebiidae                           | L            | 11                  | 2     | "                   | imm       |              |         |
| Isonychia                                 | L            | 0-111               | 45    | "                   | imm       |              |         |
| Hydropsychidae                            | L            | x-11111             | 23    | Hils 1995           | imm       | N            |         |
| Cheumatopsyche                            | L            | 0-111               | 23    | "                   |           |              |         |
| Hydropsyche eris                          | L            | 1                   | 1     | Schm Hils 1986      |           |              |         |
| ceratopsyche                              | L            | 0-20                | 60    | Hils 1995           | imm       | N            |         |
| C. branta                                 | L            | 1                   | 1     | Schm Hils 1986      |           |              |         |
| C. morosa bifida form                     | L            | 0-111               | 29    | "                   |           |              |         |
| Macrostemum zebraatum                     | L            | x-111               | 18    | Hils 1995           |           |              |         |
| Chimarra                                  | L            | -111                | 8     | "                   | imm       | N            |         |
| C. obscura                                | L            | 8                   | 40    | Hils 1982           |           |              |         |
| Idemerdromia                              | L            | 0-11                | 22    | Court Merr 2008     |           |              |         |
| Stratiomyidae                             | L            | 1                   | 1     | "                   | dam       | SD           |         |
| Orthocladiinae 08300001                   | P            | 1                   | 1     | Ferretal 2008       | dam       | X/N          |         |
| Nanocladius                               | P            | 1                   | 1     | "                   |           | N            | ↓       |
| Dugesiiidae                               | A            | 1111                | 4     | Thorp Reg 2016      |           |              | N       |
| Naidinae                                  | A            | 1                   | 1     | Brin Gled 1991      |           |              | N       |
| <del>Split 13 Chironomidae</del>          | <del>L</del> | <del>x-11-111</del> |       |                     |           |              |         |
| Chironomidae 08250000                     | L            | 1                   | 1     | Court Merr 2008     |           |              | N       |
| Tanyptera 08270000                        | L            | 111                 | 3     | Craister 2013       | imm       | N            |         |
| Thienemannimyia group                     | L            | 0                   | 30    | Cran Epl 2013       | imm       |              |         |
| Orthocladiinae 08300000 <u>EVE?</u>       | L            | 1                   | 1     | Craister 2013       | dam       | Y            |         |
| Corynoneura                               | L            | 1                   | 1     | Ander + 3 2013      |           |              |         |
| Synorthocladius                           | L            | 1                   | 1     | "                   |           |              |         |
| Thienemannella                            | L            | 1                   | 1     | "                   | dam       |              |         |
| Tvetenia disalotipus group                | L            | -                   | 5     | Bode 1983           |           |              |         |
| Nanocladius                               | L            | 111                 | 3     | Ander + 3 2013      | imm       | N            |         |
| N. (Nanocladius) rasilicornis/rectinervis | L            | 1                   | 1     | Epler 2001          |           |              |         |
| Orthocladius (Orthocladius)               | L            | 1                   | 1     | Ander + 3 2013      |           |              |         |
| Chironomidae 08330000                     | L            | -1                  | 6     | Craister 2013       |           |              |         |
| Phaenosectia obediens group               | L            | 1                   | 1     | Epler 2001          | imm       |              |         |
| Polypedium (Polypedium) fallax group      | L            | 1                   | 1     | Boiten 2012         |           |              | ↓       |

Taxonomist: Dimick, Jeffrey

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[illegible]