

Identification and Assessment

City of Lincoln Downtown

To record the approximate numbers of live organisms collected in each taxa found in the stream reach, use letter codes: R (rare) for 1 to 10; and C (common) for 11 or more. **Do NOT count empty shells, pupae, or terrestrial macro invertebrates.

Group 1: Sensitive

- _____ Caddisfly Larvae (Trichoptera)
Except Net-spinning caddis (listed in Group 2)
- R Hellgrammites (Megaloptera)
- R Mayfly nymphs III (Ephemeroptera)
- _____ Gilled (right-handed) snails (Gastropoda)
- _____ Stonefly nymphs (Plecoptera)
- _____ Water Penny (Coleoptera)
- _____ Water Snipe fly (Diptera)

STREAM QUALITY SCORE

Group 1:
1 # of R's x 5.0 = 5.0
X # of C's x 5.3 = 0
 Group 1 Total = 5.0

Group 2: Somewhat Sensitive

- _____ Alderfly larvae (Megaloptera)
- _____ Beetle adults (Coleoptera)
- _____ Beetle larvae (Coleoptera)
- C Black fly larvae II+ (Diptera)
- C Clams (1 large, 2 small) (Pelecypoda)
- _____ Crane Fly larvae (Diptera)
- X Crayfish (from count) (Decapoda)
- R Damselfly nymphs III (Odonata)
- R Dragonfly nymphs I (Odonata)
- C Net-spinning caddisfly larvae (Hydropsychidae, and Trichoptera)
- C Scuds II+ (Amphipoda)
- R Sowbugs I (Isopoda)

Group 2:
~~3~~ # of R's x 3.0 = 9.0
4 # of C's x 3.2 = 12.8
 Group 2 Total = 21.8

Group 3:
1 # of R's x 1.1 = 1.1
1 # of C's x 1.0 = 1.0
 Group 3 Total = 2.1

5.0
21.8
2.1
28.9

Total Stream Quality Score = 28.9

(Sum of totals for groups 1-3; round to nearest whole number)

Groups 3: Tolerant

- _____ Aquatic worms (Oligochaeta)
- _____ Leeches (Hirudinea)
- C Midge Larvae (Diptera)
- _____ Pouch snails (Gastropoda)
- R True bugs - water mite (Hemiptera)
- _____ Other true flies (Diptera)

Check One: 28.9
 _____ Excellent (> 48) Fair (19-33)
 _____ Good (34-48) _____ Poor (< 19)

Identifications Made by: _____

Rate your confidence in these identifications: Quite Confident (5) 4 3 2 Not Very Confident 1

Datasheet checked for completeness by: _____

Datasheet Version 10/08/05

Data entered into MiCorps database by: _____

Date: 5-7-20

Credits

This habitat assessment was created for the MiCorps Volunteer Stream Monitoring Program from a combination of habitat assessments from the Huron River Watershed Council, the Friends of the Rouge River, and the Michigan Department of Environmental Quality. Version 1.0, June 2009. Revised by the Flint River Watershed Coalition, Apr. 2011