

Biological Assessment

* Recommended frequency – no more than three times/year (Spring, Summer and Fall) *

Date _____

Time _____

IDA_{H2}O Monitor # _____

of Adults (including you) _____

Site Number _____

of under 18 _____

Other Volunteers Involved _____

Was the stream dry when it was monitored? Yes _____

No _____

Were Benthic Macroinvertebrates Found? (If yes, please check those benthics found. If no, please provide any relevant comments in the "Other Assessment Observations and Notes" section at the end of this form – why do you think critters are not present here?)

Benthic Macroinvertebrates (check all found)

High Quality Group

(pollution intolerant)

- ___ Caddisfly
- ___ Dobsonfly
- ___ Mayfly
- ___ Riffle Beetle
- ___ Snail (not pouch)
- ___ Stonefly
- ___ Water Penny Beetle

Middle Quality Group

(somewhat pollution tolerant)

- ___ Alderfly
- ___ Backswimmer
- ___ Crane Fly
- ___ Crawdad

___ Crawling Water Beetle

___ Damselfly

___ Dragonfly

___ Giant Water Bug

___ Limpet

___ Mussels/Clams

___ Orbsnail

___ Predaceous Diving Beetle

___ Scud

___ Sowbug

___ Water Boatman

___ Water Mite

___ Water Scorpion

___ Water Strider

___ Whirligig Beetle

Low Quality Group

(pollution tolerant)

- ___ Aquatic Worm
 - ___ Black Fly
 - ___ Bloodworm
 - ___ Flatworm
 - ___ Leech
 - ___ Midge Fly
 - ___ Mosquito
 - ___ Pouch Snail
 - ___ Rat-tailed Maggot
 - ___ Water Scavenger Beetle
 - ___ Other _____
- (no tolerance group assigned)

Benthic Macroinvertebrate Collection Time (check one)

0 – 15 min. _____ 15 – 30 min. _____ 30 – 45 min. _____ More than 45 min. _____

Collection Nets (How many nets are you using to collect critters?)

1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6+ _____

Stream Reach Length (How far along the stream did you search?)

_____ 0 – 25 meters _____ 25 – 50 meters _____ 50 – 75 meters _____ 75 – 100 meters _____ 100+ meters

Microhabitats (check all present in stream reach, check if sampled)

Algae Mats	Present __	Sampled __	Leaf Packs	Present __	Sampled __
Logjams	Present __	Sampled __	Rocks	Present __	Sampled __
Root Wads	Present __	Sampled __	Weed Beds	Present __	Sampled __
Fallen Trees	Present __	Sampled __	Undercut Banks	Present __	Sampled __
Silt/Muck	Present __	Sampled __	Rip Rap	Present __	Sampled __
Sand	Present __	Sampled __	Overhanging Vegetation		
Junk (tires, garbage, etc.)			Present __	Sampled __	
	Present __	Sampled __	Other (describe)	Present __	Sampled __

Stream Habitat Type (check all types sampled in stream reach)

Riffle _____ Run _____ Glide _____ Pool _____

Aquatic Plant Cover of Streambed (at transect – check one)

0 – 25% _____ 25 – 50% _____ 50 – 75% _____ 75 – 100% _____

Algae Cover of Stream Streambed (at transect – check one)

0 – 25% _____ 25 – 50% _____ 50 – 75% _____ 75 – 100% _____

Other Assessment Observations and Notes

Are there any fish or sign of fish present? _____
