



Biological Assessment Presence/Absence

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

Date: _____ Time: _____

UTM or GPS Location: _____

Other Volunteers Involved: _____

Was the stream dry when it was monitored? Yes No

Benthic Macroinvertebrates *(check all found)*

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?)

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 Macroinvertebrates 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+

Identification Confidence Level (Are you confident that your identification is correct?)

- I'm not sure
- I think they've been identified correctly
- Some are definitely correct, I'm not sure about others (Please clarify in "Other Assessment Observations and Notes" section at the end of this form)
- I'm fairly confident they've all been correctly identified
- I guarantee they have been identified correctly

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)

	Present	Sampled		Present	Sampled
Algae Mats	<input type="checkbox"/>	<input type="checkbox"/>	Leaf Packs	<input type="checkbox"/>	<input type="checkbox"/>
Logjams	<input type="checkbox"/>	<input type="checkbox"/>	Rocks	<input type="checkbox"/>	<input type="checkbox"/>
Root Wads	<input type="checkbox"/>	<input type="checkbox"/>	Weed Beds	<input type="checkbox"/>	<input type="checkbox"/>
Fallen Trees	<input type="checkbox"/>	<input type="checkbox"/>	Undercut Banks	<input type="checkbox"/>	<input type="checkbox"/>
Silt/Muck	<input type="checkbox"/>	<input type="checkbox"/>	Riprap	<input type="checkbox"/>	<input type="checkbox"/>
Sand	<input type="checkbox"/>	<input type="checkbox"/>	Overhanging Vegetation	<input type="checkbox"/>	<input type="checkbox"/>
Junk (tires, garbage, etc.)	<input type="checkbox"/>	<input type="checkbox"/>			
Other (describe) _____				<input type="checkbox"/>	<input type="checkbox"/>

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

- Riffle Run Pool

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

- 0-25% 25-50% 50-75% 75-100%

Algae Cover of Streambed (at transect – check one)

- 0-25% 25-50% 50-75% 75-100%

Other Assessment Observations and Notes
