March 2003

Score:_____

Virginia Save Our Streams Program
Modified Method Macroinvertebrate Identification
Quality Assurance Procedure

Name:_____ Date:_____

Address:_____

_____

Phone:_____E-mail:_____

Using the macroinvertebrate groupings found on your tally sheet and bug identification card, identify the organisms in the lettered test vials. You may use whatever written resources you wish; however you may not discuss the organisms with a friend during this procedure. You must get at least 17 correct to pass.

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

G. _____

H. _____

I. _____

J. _____

K. _____

L. _____

M. _____

N. _____

O. _____

P. _____

Q. _____

R. _____

S. _____

Please answer the following questions:

1. How many seconds should you sample your first net? _____
2. What is the minimum number of organisms you need in your sample? _____
3. What is the maximum number of nets you should collect at each site? _____
4. What is the maximum time you should sample each net? _____
5. You must pick all the bugs in each net you collect T F
6. Where is the best place to sample in the stream? _____
7. How many times a year should you sample your site? _____

VA Save Our Streams Program
VA Division of the Izaak Walton League of America
P.O. Box 8297
Richmond, VA 23226
(804) 615-5036 www.vasos.org

March 2003

Score:_____

Virginia Save Our Streams Program
Modified Method Field Collection Quality Assurance Procedure

Name(s):_____

_____

Date:_____

This form has been designed for reviewing the field collection skills of monitors in the Virginia Save Our Streams Program. This form is only to be filled out by official Virginia Save Our Streams Program trainers. A minimum score of eleven must be received in order to pass.

1. Monitor chose the most appropriate riffle? Y N
2. Monitor disturbed sample area prior to monitoring? Y N
3. Monitor anchored net firmly to stream bottom and checked bottom of net for holes or gaps? Y N
4. Anchor rocks were collected from outside the sampling area and washed outside the net before being used? Y N
5. Monitor positioned net to collect maximum flow? Y N
6. Monitor collected organisms only for the specified length of time? Y N
7. Monitor dug into substrates under rocks during specified time? Y N
8. Monitor allowed water to flow over top of net? Y N
9. Monitor cleaned anchor rocks when removing them from the net? Y N
10. Monitor correctly scooped net from water, preventing water from flowing over the top and sample from falling off the bottom? Y N
11. Monitor quickly picked all organisms from the net and sheet? Y N
12. Monitor showed adequate field identification skills? Y N
13. Monitor correctly filled out field sheets? Y N

Test administered by:_____

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