



Workshop Notice!



January 15, 2012

Dear STREAM TEAMS and Water Quality Monitors:

Would you like to learn about the physical, biological and chemical aspects of streams? Have you always wanted to know what those spineless critters are that live in the bottom of the stream? **Now is your chance. Enclosed is the 2012 Introductory Volunteer Water Quality Monitoring Workshop schedule!** The Stream Team's Volunteer Water Quality Monitoring (VWQM) Program is a cooperative program between the Missouri Departments of Natural Resources and Conservation, and the Conservation Federation of Missouri, to involve citizens in water quality monitoring. The objectives of the Program are to inform and educate people about the condition of Missouri's aquatic resources and how watershed activities influence that condition, establish an extensive water quality monitoring network, and provide a knowledge base that citizens can draw upon to be advocates for improved water quality of our streams. As interest and expertise increase, volunteers can receive advanced training to learn more about streams and become more proficient in monitoring.

The workshops are free and consist of six (6) hours of classroom instruction and one-to-two hours on a stream to demonstrate sampling methods, get wet, and learn about aquatic life. The level of material presented is not designed for children; however, older youth accompanied by an adult are welcome. If you have already taken the Introductory VWQM Workshop in the past but would like to refresh yourself with water quality monitoring procedures, please feel free to register and attend. However, please understand, first priority will be given to those individuals attending an Introductory workshop for the first time.

The only requirements for attending a workshop are that you have an interest in water quality, are willing to donate your time to attend the entire workshop and monitor a stream.

Class size will be limited to 30 people per workshop and is filled on a first-come, first-served basis. **To register**, fill out and return the attached form, OR for on-line registration, log onto the Stream Team Web Page (<http://www.mostreamteam.org>). You will be sent a confirmation letter and a map with directions to the workshop location approximately one week prior to the workshop. If you have already attended a Water Quality Workshop and know of others who may be interested, please pass this information along.

For more information contact Susan Higgins, Missouri Department of Natural Resources, Susan.Higgins@dnr.mo.gov, 573/526-1002 or 800-781-1989 (voice mail).

➔ To learn more about the aspects of the Introductory Workshop, please see the reverse side of this notice. Now is your chance to learn how we all affect water quality!

ASPECTS OF VOLUNTEER WATER QUALITY MONITORING INTRODUCTORY WORKSHOP

Goals of the Volunteer Water Quality Monitoring Program:

- Inform and educate citizens about the conditions of our streams
- Establish a monitoring network
- Enable citizens to make wise decisions
- Halt the degradation of our streams

The volunteer monitoring program is open to anyone who is interested in protecting and preserving good water quality. The only requirements are a sincere interest and concern for streams and a willingness to contribute time for monitoring.

- There are no fees
- There are different levels of involvement and commitment
- This is a flexible program

Introductory Workshop: This is the basic level of monitoring that includes visual survey and biological monitoring. The primary emphasis is education about watersheds and the importance of biological monitoring. Citizens will receive training in a workshop setting. All of the following subjects are taught in the classroom and demonstrated at a nearby creek.

Volunteers receive instruction on the following:

- Holistic approach to watersheds
- How to conduct stream discharge using a mutually buoyant object, a tape measure, and a stop watch
- How to map a watershed; volunteers get a chance for hands-on mapping and receive instructions on how to map the watershed of their adopted stream
- Volunteers learn how to collect and identify invertebrates and to derive a water quality rating from the invertebrate collection.
- How to choose a good site to monitor, and let Program Staff know where you are monitoring
- How to be safe on the creek
- How to fill out data reports

Workshop attendees will qualify to receive monitoring equipment that includes a kick net, vials, invertebrate photographs, forceps and magnifiers. The workshop is taught in one day.

Note: Chemical monitoring is not taught until the Level 1 class. You must have attended the Introductory Level class and submitted site selection, stream discharge, and biological data before you are eligible to attend a Level 1 class. Level 1 classes are offered in the late summer and fall of each year.

Announcing!
2012 Introductory Level
Volunteer Water Quality Monitoring
Workshop Schedule

Workshop Location	Date & Time of Workshop
Wildwood – St. Louis: Babler State Park 800 Guy Park Drive	WED, March 16 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, February 29</i>
Wildwood – St. Louis: Babler State Park 800 Guy Park Drive	Saturday, March 17 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, February 29</i>
Columbia: Boone Electric Cooperative 1413 Rangeline St.	Saturday, March 24 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 7</i>
Ozark: Community Center 1530 W. Jackson St. (between Ozark and Empire banks)	Thursday, March 29 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 14</i>
Springfield: Springfield Nature Center 4601 S. Nature Center Way	Saturday, March 31 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 14</i>
St. Joseph: Missouri American Water Co. Beck Rd, #B	Saturday, April 14 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 28</i>
Sedalia: MDC Discovery Room State Fairgrounds Building	Saturday, April 21 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, April 4</i>
West Plains: MDC Ozark Regional Office 551 Joe Jones Blvd.	Saturday, April 28 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, April 11</i>
Salem: (Two-day anglers' workshop) Montauk State Park 345 County Road 6670	Friday, April 27 1:00 p.m. – 5:00 p.m. Saturday, April 28 8:00 a.m. – 12:00 p.m. <i>Register by Wednesday, April 11</i>
Blue Springs: Burr Oak Woods Nature Center 1401 N.W. Park Rd.	Saturday, May 19 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, May 9</i>

- Registration Form **MUST** be returned by the deadline to be registered. You can register for the workshop on the Stream Team Web Page (<http://www.mostreamteam.org/>).
- Attendance will be limited to 30 people per workshop.
- **Please bring a sack lunch.** Lunch will **not** be provided.
- Wear outdoor clothing and bring boots or “river shoes” in preparation for wading into a stream.
- **If you have other questions about the workshop, call Susan Higgins at 573/526-1002.**
- Registration confirmation (along with a map to the workshop location) will be mailed to registrants one week prior to the workshop.

Presented by:
Missouri Department of Conservation
Missouri Department of Natural Resources
and
Conservation Federation of Missouri

2012
VOLUNTEER WATER QUALITY MONITORING
INTRODUCTORY LEVEL WORKSHOP REGISTRATION FORM

Location and Date of Introductory Level workshop you wish to attend: _____

Name: _____

Address: _____

City, State, Zip: _____

Telephone Number: Home (_____)_____-_____ Work (_____)_____-_____

E-mail Address: _____

STREAM TEAM / Organization/ School affiliation: _____

Stream you would like to monitor: _____

County in which the stream is located: _____

Description of the location on the stream where you would like to monitor (e.g. upstream from Highway 70 bridge): _____

Return to: SUSAN HIGGINS
 WATER PROTECTION PROGRAM
 MISSOURI DEPARTMENT OF NATURAL RESOURCES
 PO BOX 176
 JEFFERSON CITY, MO 65102-0176

*Please complete an application form for each person wishing to attend.
You may also register on-line by visiting the Stream Team Web Page at
(<http://www.mostreamteam.org>).

Tape Here

Stamp Here

SUSAN HIGGINS
WATER PROTECTION PROGRAM
MISSOURI DEPARTMENT OF NATURAL RESOURCES
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