



Workshop Notice!



January 15, 2017

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 2017 Introductory Volunteer Water Quality Monitoring Workshop schedule.** The Stream Team Volunteer Water Quality Monitoring (VWQM) Program is a cooperative effort 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 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 in our streams. As interest and expertise increase, volunteers can receive advanced training to learn more about streams and become more proficient at monitoring.

These one-day workshops are free and consist of six (6) hours of classroom instruction and one (1) to two (2) 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 on water quality monitoring procedures, please feel free to register and attend. First priority will be given to those individuals attending an Introductory workshop for the first time.

The only requirements for attending a workshop are a sincere interest in water quality, a commitment to attend the entire workshop, and a willingness to periodically 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**, complete the online registration form on the Stream Team website (<http://www.mostreamteam.org/wqintro.asp>) or fill out and return the attached form. You will be sent a confirmation letter and map with directions to the workshop location, approximately one week prior to the workshop. Please pass this information along if you know of others who may be interested in water quality monitoring.

For more information you can contact the Stream Team at StreamTeam@dnr.mo.gov or 800/781-1989 (Stream Team voicemail).

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 stream discharge 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 stream.

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
- How to collect and identify invertebrates to derive a water quality rating based on the organisms collected
- How to fill out data sheets
- How to select a monitoring site
- How to be safe on the stream

Workshop attendees will qualify to receive monitoring equipment that includes a kick net, vials, forceps and magnifiers after submitting specific information on their monitoring sites.

Note: Chemical monitoring is not taught until the Level 1 workshop, which is offered in the fall of each year. You must attend the Introductory Level workshop and submit a Site Selection data sheet with a map, a Stream Discharge data sheet, and a Biological data sheet before you are eligible to attend a Level 1 workshop.

The Stream Team Volunteer Water Quality Monitoring Program makes every effort to provide ADA accessible programs, however some aspects of this activity may not be suitable for those with certain disabilities. People with disabilities requiring special services or accommodations to attend the training can make arrangements by calling us at 573-751-5723 or by writing two weeks in advance of the training to: Department of Natural Resources, Water Protection Program, P.O. Box 176, Jefferson City, MO 65102.

Announcing!
2017 Introductory Level
Volunteer Water Quality Monitoring
Workshop Schedule

Workshop Location	Date & Time of Workshop
Perryville: Perryville Area Higher Ed Center 108 South Progress Drive	Saturday, March 4 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, February 15</i>
West Plains: MDC Ozark Regional Office 551 Joe Jones Blvd	Saturday, March 4 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, February 15</i>
Springfield: C.W. Titus Facility Valley Water Mill Park 2400 E. Valley Watermill Road	Saturday, March 11 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, February 22</i>
Joplin: Wildcat Glades Conservation & Audubon Center 201 W. Riviera Drive	Saturday, March 18 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 1</i>
Rolla: Missouri S&T, Butler-Carlton Engineering Hall 1401 N. Pine Street	Saturday, March 25 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 8</i>
Blue Springs: Burr Oak Woods Nature Center 401 NW Park Road	Saturday, April 1 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 15</i>
Wildwood – St. Louis: Babler State Park 800 Guy Park Drive	Friday, April 7 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 22</i>
Wildwood – St. Louis: Babler State Park 800 Guy Park Drive	Saturday, April 8 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 22</i>
Plattsburg Hartell CA 542 NE 280th St	Saturday, April 22 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, April 5</i>
Macon: DNR NE Regional Office 1709 Prospect Drive	Saturday, April 22 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, April 5</i>
Columbia: 4-H Center for Youth Development 1110 South College Boulevard	Saturday, April 29 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, April 12</i>
St. Louis Columbia Bottom CA 801 Strodtman Road	Saturday, April 29 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, April 12</i>

- Registration Form **MUST** be returned by the deadline to be registered. You can register for the workshop on the Stream Team Website 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 Karen Westin at 573/526-7838.**
- Registration confirmation, including a map to the workshop location, will be mailed to registrants one week prior to the workshop.

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