



Workshop Notice

*Volunteer Water Quality Monitoring
Introductory Level*



Would you like to learn about the physical, biological, and chemical aspects of streams? Have you always wanted to know what spineless critters live at the bottom of a stream? Now is your chance!

The Stream Team Volunteer Water Quality Monitoring (VWQM) Program is a cooperative effort between the Missouri Departments of Conservation and Natural Resources and the Conservation Federation of Missouri to involve citizens in water quality monitoring. The objectives of this program are to educate people about the condition of Missouri's aquatic resources, 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 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 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 attended a VWQM Workshop in the past but would like to refresh yourself on water quality monitoring procedures, you are invited to register and attend.

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.

TO REGISTER:

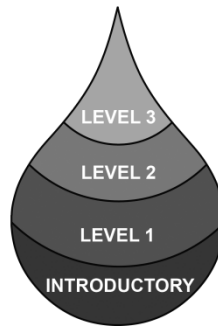
Complete the online registration form at mostreamteam.org*
or fill out and return the attached form.

You will receive a confirmation letter and directions after the registration deadline date.
Class size will be limited to 30 people per workshop and is filled on a first-come, first-serve basis.
Individuals under 18 years of age must be accompanied by a sponsoring adult to attend.

For more information about registration:

Molly Vannoy, Missouri Department of Natural Resources
573-526-1156
Streamteam@dnr.mo.gov

**Please use Internet Explorer when registering online. Our online forms currently will not display correctly on other internet browsers, resulting in the workshop list not populating with all available classes.*



LEVELS OF VOLUNTEER WATER QUALITY MONITORING

Introductory Training

- Watershed approach and mapping
- Selecting a monitoring site
- Calculating stream discharge
- Biological monitoring and macroinvertebrate identification

- *Prerequisites: none*

Level 1 Training

- Water chemistry monitoring
- Stream visual survey
- Macroinvertebrate review

- *Prerequisites: Introductory training, submission of initial site selection form with map, stream discharge and biological monitoring data sheets*

Level 2 Training

- Quality assurance and quality control (QA/QC)
- Verify sampling methods
- Check condition of monitoring equipment

- *Prerequisites: Level 1 training, submission of two seasons of stream discharge, biological monitoring, visual survey, and chemical monitoring data sheets*

Level 3 Audit

- On-site QA/QC
- Verify all sampling methods and macroinvertebrate identification

- *Prerequisites: Level 2 training, submission of 12 collections of all data*

**VOLUNTEER WATER QUALITY MONITORING
INTRODUCTORY
2019 WORKSHOP SCHEDULE**

WORKSHOP LOCATION	DATE & TIME
Lesterville: Johnson's Shut-Ins State Park 148 Taum Sauk Trail	Saturday, March 2 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, February 20</i>
West Plains: MDC Ozark Regional Office 551 Joe Jones Blvd	Saturday, March 9 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, February 27</i>
Springfield: The Watershed Center 2400 E Valley Watermill Road	Saturday, March 16 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 6</i>
Cape Girardeau: Cape Girardeau Conservation Nature Center 2289 County Park Drive	Saturday, March 23 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 13</i>
Moberly: Municipal Building Conference Center 204 N Clark Street	Saturday, March 23 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 13</i>
Blue Springs: Burr Oak Woods Conservation Nature Center 1401 NW Park Road	Saturday, March 30 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 20</i>
Sedalia: MDC Discovery Room State Fair Grounds 2503 W 16 th Street	Saturday, March 30 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 20</i>
Wildwood: Babler State Park 800 Guy Park Drive	Friday, April 5 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 27</i>
Wildwood: Babler State Park 800 Guy Park Drive	Saturday, April 6 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, March 27</i>
Jefferson City: Conservation Employees Credit Union 2901 W Truman Boulevard	Saturday, April 13 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, April 3</i>
St. Louis: Columbia Bottom Conservation Area 801 Strodtman Road	Saturday, April 27 8:30 a.m. to 5:00 p.m. <i>Register by Wednesday, April 17</i>

- You can register for the workshop at mostreamteam.org.
- Attendance will be limited to 30 people per workshop.
- Registration form must be returned by the deadline to be registered.
- Confirmation and directions to the workshop will be mailed to registrants prior to the workshop.

For questions about the workshop, call 800-781-1989.

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 573-526-7838 or by writing two weeks in advance of the training to: Department of Natural Resources, Water Protection Program, PO Box 176, Jefferson City, MO 65102.

Presented by:

Missouri Department of Conservation

Missouri Department of Natural Resources

Conservation Federation of Missouri

2019
VOLUNTEER WATER QUALITY MONITORING
INTRODUCTORY LEVEL WORKSHOP REGISTRATION FORM

Location and date of Introductory workshop you wish to attend: _____

Name: _____

Address: _____

City, State, Zip: _____

Telephone: Home _____ Work _____

Email: _____

Stream Team/Organization/School Affiliation: _____

If you have already decided you want to volunteer with the monitoring program, please fill in the information below:

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: Molly Vannoy
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 online by visiting the Stream Team Website at www.mostreamteam.org

Tape Here

Stamp
Here

MOLLY VANNOY
WATER PROTECTION PROGRAM
MISSOURI DEPARTMENT OF NATURAL RESOURCES
PO BOX 176
JEFFERSON CITY, MO 65102-0176
