



# Workshop Notice

*Volunteer Water Quality Monitoring  
Introductory Level*



January 15, 2018

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](http://mostreamteam.org)  
or fill out and return the attached form.

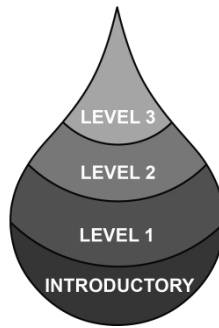
You will receive a confirmation letter and directions after the registration deadline date.  
Class size will be limited to 30 people per workshop and is filled on a first-come, first-serve basis.  
*Individuals under 18 years of age must be accompanied by a sponsoring adult to attend.*

### **For more information about registration:**

Karen Westin, Missouri Department of Natural Resources

573-526-7838

[Streamteam@dnr.mo.gov](mailto:Streamteam@dnr.mo.gov)



## 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  
2018 WORKSHOP SCHEDULE**

WORKSHOP LOCATION	DATE & TIME
<b>Salem:</b> Salem Lutheran Church 403 MO-32	<b>Saturday, March 3</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, February 21</i>
<b>Marble Hill:</b> University of Missouri Extension Center 302 Union Street	<b>Saturday, March 3</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, February 21</i>
<b>Wildwood:</b> Babler State Park 800 Guy Park Drive	<b>Friday, March 9</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, February 28</i>
<b>Wildwood:</b> Babler State Park 800 Guy Park Drive	<b>Saturday, March 10</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, February 28</i>
<b>Branson:</b> Dewey Short Visitor Center 4500 MO-165	<b>Saturday, March 17</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, March 7</i>
<b>Lee's Summit:</b> DNR Kansas City Regional Office 500 NE Colbern Road	<b>Saturday, March 24</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, March 14</i>
<b>Springfield:</b> The Watershed Center 2450 E Valley Water Mill Road	<b>Saturday, April 7</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, March 28</i>
<b>Bowling Green:</b> Bowling Green Middle School 700 W Adams Street	<b>Saturday, April 14</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, April 4</i>
<b>Saint Joseph:</b> MDC Northwest Regional Office 701 James McCarthy Drive	<b>Saturday, April 14</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, April 4</i>
<b>Saint Peters:</b> St. Peters Cultural Arts Centre (City Hall) 1 St. Peters Centre Boulevard	<b>Saturday, April 21</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, April 11</i>
<b>Jefferson City:</b> MDC Central Office 2901 W Truman Boulevard	<b>Saturday, April 28</b> <b>8:30 a.m. to 5:00 p.m.</b> <i>Register by Wednesday, April 18</i>

- You can register for the workshop at [mostreamteam.org](http://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 the Stream Team voicemail at 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.*



**2018**  
**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: Karen Westin  
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](http://www.mostreamteam.org)*

Tape Here

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Stamp  
Here

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

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