



The Carkeek Watershed Community Action Project invites you to join us in celebration of World Water Day by helping collect Water Samples in our park!

Let's get started...

1 Select your site

Choose any lake, stream, bay, or other water body where you can safely monitor.

2 Prepare your monitoring equipment

Use your own equipment or purchase an easy-to-use test kit via the EarthEcho Water Challenge website (www.MonitorWater.org).

3 Monitor your site

Invite others to help you test or do it yourself.

4 Share your data

You did the work, so let us know about your water! You can submit your results online at www.monitorwater.org until December 31.

5 Protect water resources

Work with your group to take action to protect your local waterways. Share highlights from your work when logging your water quality data at www.monitorwater.org.

TELL
YOUR
STORY

DOWNLOAD
FREE
RESOURCES

POST
YOUR
DATA

www.monitorwater.org

   @EarthEcho • #MonitorWater

Here's what you'll test for...

Dissolved Oxygen (DO)

Measures how many molecules of oxygen are in the water. Since oxygen is important to fish and other aquatic life, higher DO readings support more diverse species and a healthier ecosystem. Low levels of DO can weaken or kill fish and other aquatic life.

pH (Acidity)

Measures how acidic or basic a liquid is. pH is measured on a scale from 0-14, where 0 is most acidic, 14 is most basic, and 7 is neutral. A pH between 6.5 and 8.5 is favorable for supporting life in natural waters.

Turbidity (Clarity)

Measures the water's clarity. Debris, sand, silt, and other materials can make the water less clear (more turbid). Turbidity can impact the aquatic ecosystem by affecting photosynthesis, respiration, and reproduction of aquatic life.

Temperature

Measures the warmth or coldness of the water. This indicator is important because it affects dissolved oxygen, photosynthesis, and the food supply. Waters that are too hot or too cold can have severe effects on fish and other aquatic life.



When: Saturday October 19th

Time: 10:00 AM -12:00 PM

Work with other volunteers to collect water samples at multiple sites throughout the park. After a brief tutorial, each team will be sent to a collection site to obtain a sample. After the sample has been obtained, we will perform water temperature, turbidity, pH, and dissolved oxygen tests with the kits that are provided. This is a great opportunity to interact with your local community and be an important part of the success of our beautiful park. It's also an opportunity to see the start of the salmon returning to our creek.

Ages 8-Adult are welcome to participate in this event. It's a great way to spend a couple hours with your family and friends and learn more about the importance of the water we all depend on.

More information at: <http://www.carkeekwatershed.org/> or <http://www.worldwatermonitoringday.org/>
Please RSVP by sending an email to: CWCAP@carkeekwatershed.org