

Store guide



Updated August 2022. Prices and descriptions may change. Please visit waterrangers.ca/testkits for the most up-to-date information.

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Why water testing?

Testing helps us understand the health of our favourite water bodies, helping us to identify where something may have gone wrong. Lab tests are expensive and resource-intensive, so we've brought the health of our water to the hands of communities across the world. Additionally, water testing brings us closer to nature, and participants report it helps them connect with, understand, and care for the planet.

Why Water Rangers?

Water Rangers is helping more people deepen their understanding of water issues through affordable water testing. We believe that crowdsourcing water quality data through citizen science is a way to help scientists fill in gaps to achieve sustainable water monitoring. Our free, open-data platform, water testing kits, and online course are tools for anyone to learn about and protect our lakes, rivers, and oceans!

You're a part of something big

The Water Rangers community spans all the way around the globe. With over 29,000 observations on our open-source platform, you're joining a massive number of people who are as passionate and conscientious as you are. There are many ways to get involved with the community, whether it's through our monthly testing days, joining local testing groups, or connecting with other on our exclusive Facebook community.





Testkits





fresh
water

Freshwater Explorer
\$360.00



salt
water

Ocean Explorer
\$250.00



fresh
water

Compact kit
\$140.00



fresh
water

Best for groups

Education kit
\$560.00



Just the basics

Tiny kit
\$24.50

What's in my kit?

	Tiny kit	Compact kit	Ocean Explorer	Freshwater Explorer	Education Kit
Carrying bag	Soft case	Hard case	Backpack	Backpack	Backpack
HTH Test strips (pH, alkalinity, hardness)	✓ 10	✓ 50	✓ 50	✓ 50	✓ 80
Conductivity meter with water temperature (for freshwater)		✓		✓	✓ 3
Salinity meter (salinity for ocean water)			✓		
Metal thermometer		✓	✓	✓	✓
Water proof field guide	✓	✓	✓	✓	✓
Notebook (32 pages)	✓	✓	✓	✓	
Clipboards					✓ 3
Badges		✓ 2	✓ 3	✓ 3	✓ 6
Stickers	✓ 1	✓ 3	✓ 5	✓ 5	✓ 15
Whirl-pak bags		✓ 3	✓ 5	✓ 5	
Caribiner		✓	✓	✓	✓ 3
Floating wristlet		✓	✓	✓	✓ 3
Sample cup	✓	✓	✓	✓	✓ 3
Calibration solution (for conductivity meter or refractometer)		✓	✓	✓	✓ 3
Secchi disc (clarity and depth)			✓	✓	✓ Reel only
Suspect pollution guide (guide, gloves, extra whirl pak bags)			✓	✓	✓
Reacher stick		✓	✓	✓	✓
Dissolved oxygen tests (ampoules + case)				✓ 30	✓ 30
Price	\$24.50	\$140.00	\$250.00	\$360.00	\$560.00



\$10.00 - \$15.00

Customization

Custom kits are a great way to personalize your water testing experience. Whether you'd like to feature your name, favourite quote, or a drawing, we can add it to your kit. It's the perfect gift for the water lovers in your life!

Upload your design (one colour, please!) and we'll turn it into the coolest testkit bag ever. Not all logos are suitable, but we'll work with you to find one that is!



Components



Build-your-own kit



Test strips
\$16.00



Thermometer
\$16.00



Secchi disk
\$71.00



Conductivity meter
\$75.00



Waterproof phone case
\$7.00



Dissolved oxygen
\$125.00



Salinity Meter
\$75.00

Restocking your kit



fresh water

Full restock pack
\$93.00



fresh water

Test strips
\$16.00

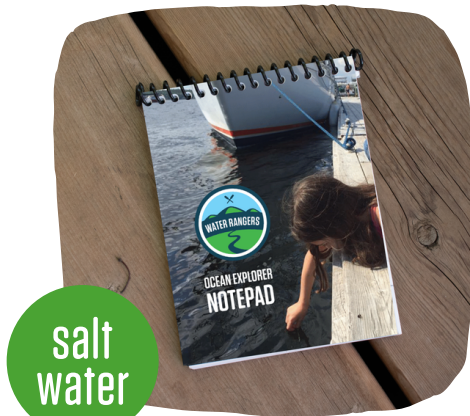


Dissolved oxygen restock
\$80.00



fresh water

Conductivity calibration
\$3.50



salt water

Ocean notepad
\$9.00



fresh water

Freshwater notepad
\$9.00



fresh water

Compact notepad
\$6.50

Ranger Swag



Vinyl stickers
\$0.15

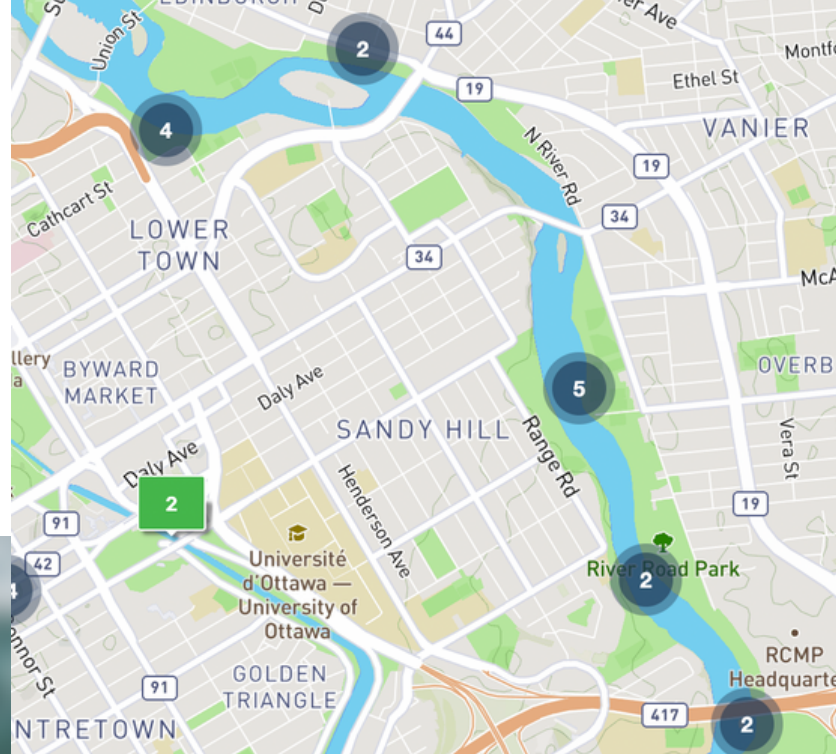
Embroidered badges
\$1.00



Record and share your data on our open platform



Our iOS app works for easier data collection in the field. Add your observations from anywhere! You'll need to visit our website to view or edit observations.



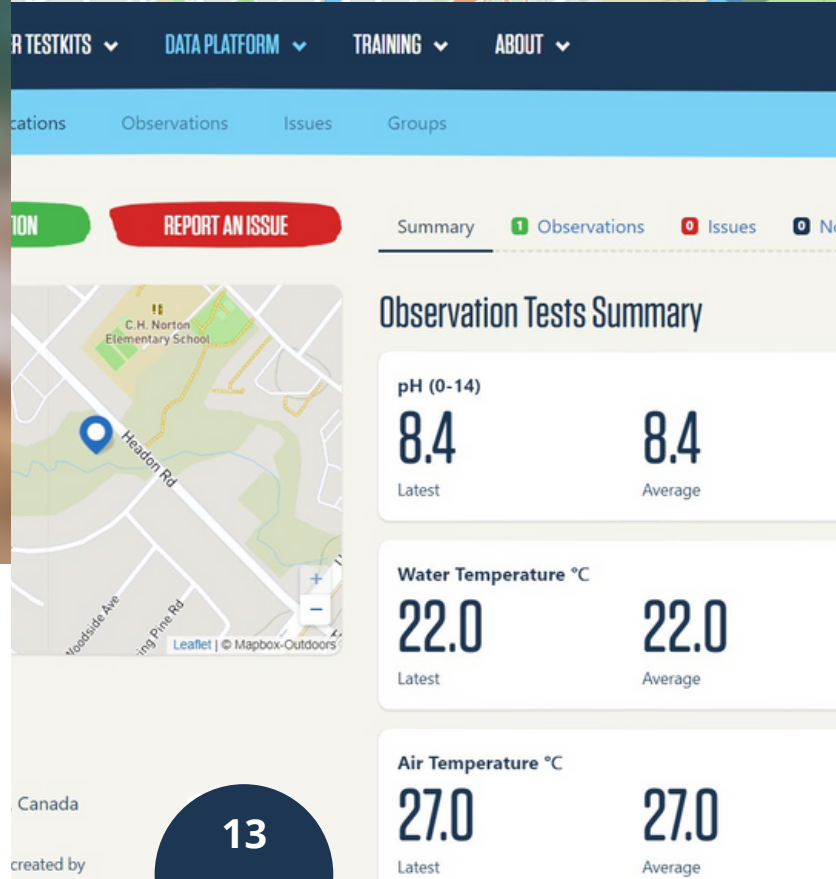
Our website is openly viewable by anyone and based on a map. Each green marker represents a cluster of locations. Locations have many observations.

Each location shows a 'summary' of all the data. Click the question marks next to each test to get simple explanations. Logged-in users can add data and download data.

Groups can organize their volunteers by their own protocol.

For more information, [visit our FAQ](#).

If you'd like help importing existing datasets, [get in touch](#).



Training services

\$100.00

Virtual training

\$300.00 + travel

In-person training



Book Water Rangers to train your team on using water quality testkits! We offer trainings to schools, community groups, water stewardship organizations, and more.



Frequently asked questions

How accurate are these tests?

Every item in our testkits has been carefully researched. We've compared them to other available items on the market to make sure we have the most reliable and user friendly equipment. You can learn more about how we chose the different items on our [research page](#).

How many tests can I do with my kit?

It depends. Most tests, like the Secchi measurement, can be done infinitely with your kit! Each kit comes with 50 test strips and the Freshwater Kit comes with 30 dissolved oxygen tests. If you'd like more, you can order these to be [refilled individually](#) at any time!

How long does shipping take?

We ship our orders out the next business day. However, please allow a few extra days for customized kits. We ship from Ottawa via Canada Post, which can take anywhere from 1-14 days, depending on your location.

My organization would like to start a citizen water monitoring program, but we can't afford a testkit. What can we do?

We're always happy to partner with organizations, non-profits, schools, etc. to co-write a grant proposal to set up citizen monitoring programs. We've had good success in the past, but of course we can't guarantee anything. [Contact us](#) and let's see if we can make it happen!

Have any more questions?

Our website is full of information about our kits, water testing, and citizen science. We would also love to hear from you, so feel free to send us an email to ask any questions you may have!



Explore Water Rangers at waterrangers.ca/tour



Email us at contact@waterrangers.ca

waterrangers.ca/shop

