

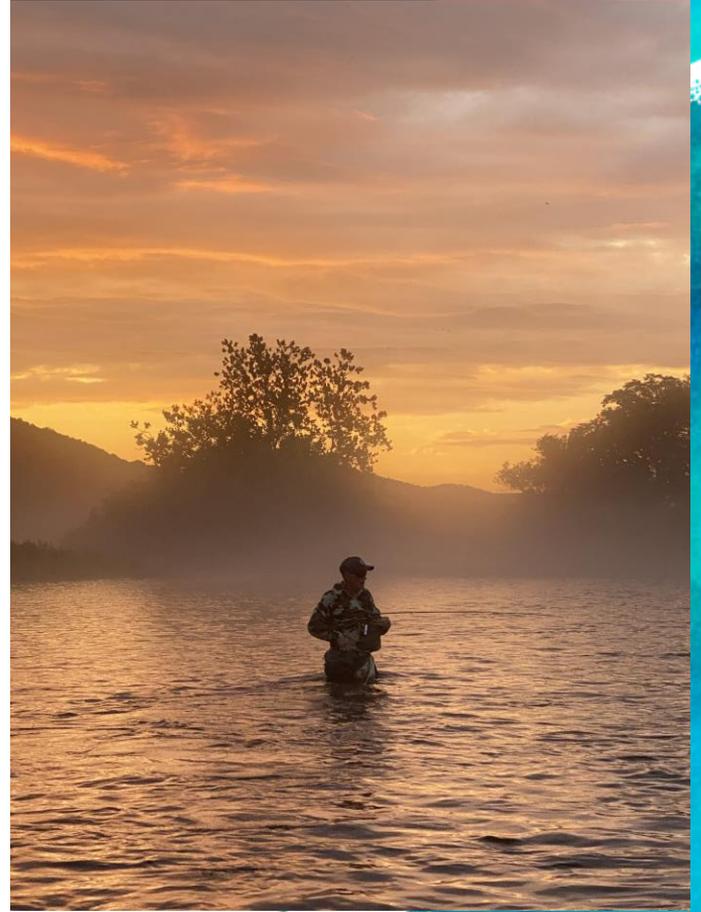
Upper Delaware River Stream Assessment

Why Should I Care?

October 11, 2022

Is this you?

How do we
maintain quality
fisheries?



STEP 1: UNDERSTAND CURRENT WATER QUALITY

- Assess water quality
 - Who, where, when, what?
- Compare against standards
 - What are they?



Who?

- New York, DRBC, federal agencies, volunteers

Where?

- A few places

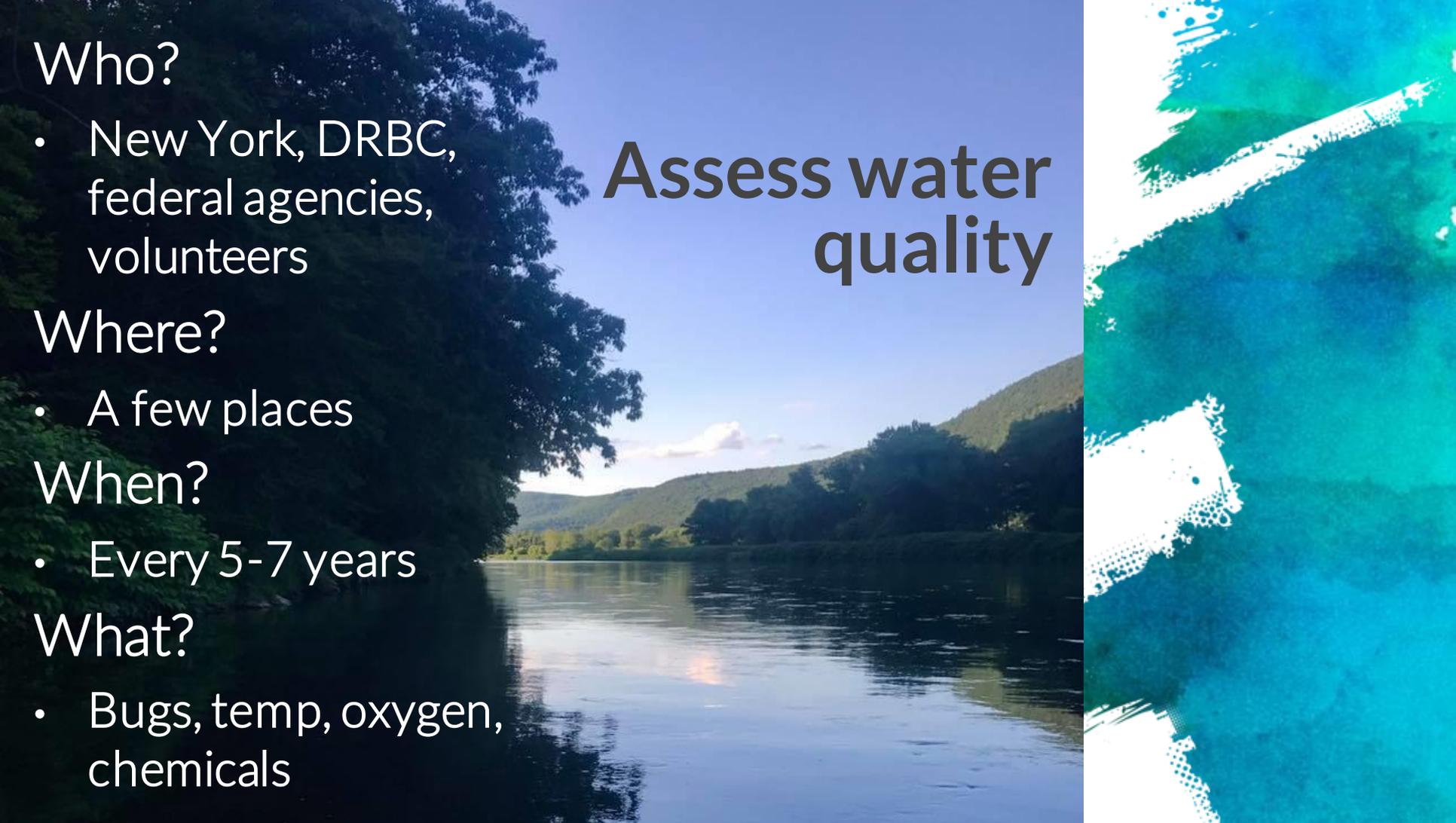
When?

- Every 5-7 years

What?

- Bugs, temp, oxygen, chemicals

Assess water quality



NEW YORK ASSESSMENT UPPER DELAWARE RIVER

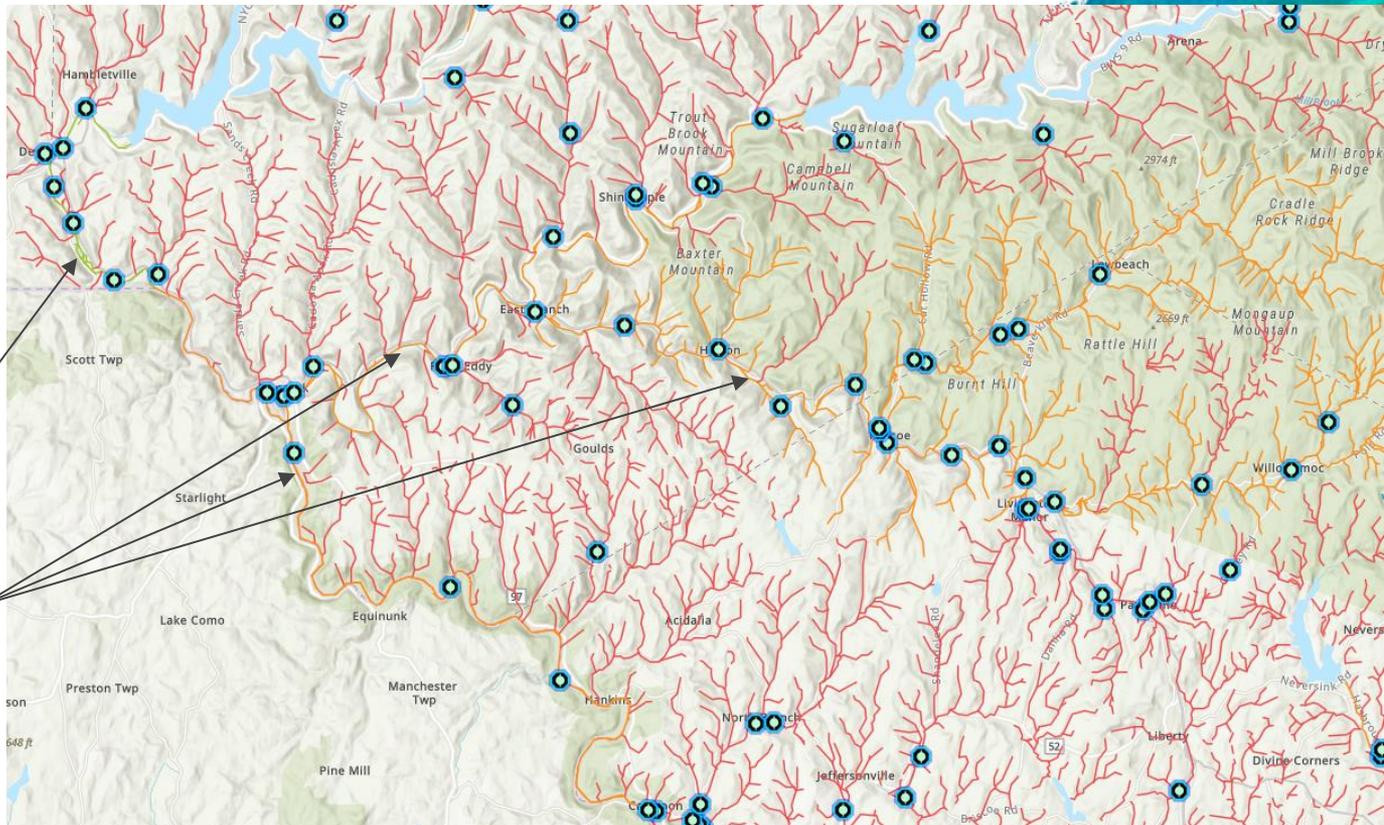
Aquatic Life Status

Blue/green dots –
NY biomonitoring

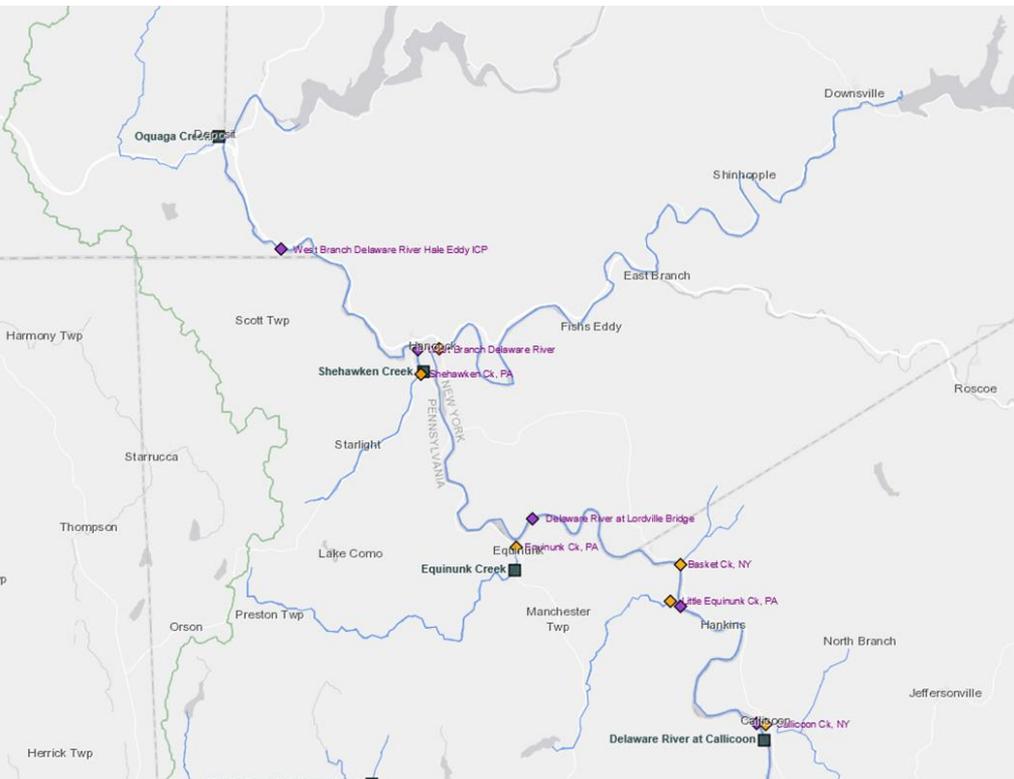
Red – Unassessed

Green – Impaired

Orange – Threatened



DRBC and USGS MONITORING



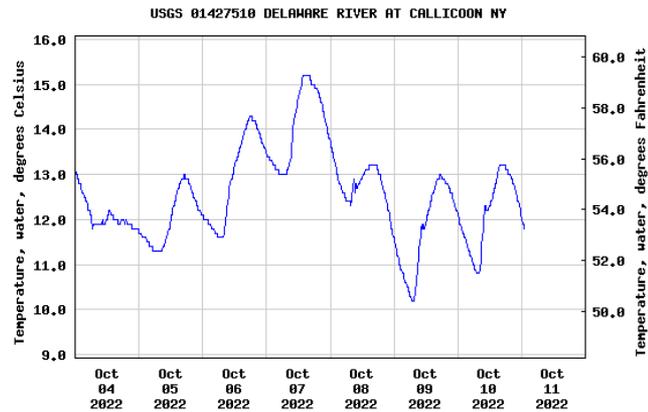
This station managed by the NY Water Science Center Milford.

Available Parameters	Available Period
<input type="checkbox"/> All 10 Available Parameters for this site	
<input checked="" type="checkbox"/> 00010 Temperature, water	2007-10-01 2022-10-11
<input checked="" type="checkbox"/> 00060 Discharge	1990-10-01 2022-10-11
<input checked="" type="checkbox"/> 00065 Gage height	2007-10-01 2022-10-11
<input checked="" type="checkbox"/> 00095 Specific cond at 25C	2012-06-02 2022-10-11
<input checked="" type="checkbox"/> 00300 Dissolved oxygen	2019-12-19 2022-10-11
<input checked="" type="checkbox"/> 00400 pH	2019-12-19 2022-10-11
<input checked="" type="checkbox"/> 32315 Relative fChl, water, in situ	2019-12-19 2022-10-11
<input checked="" type="checkbox"/> 32316 fChl, water, in situ	2019-12-19 2022-10-11
<input checked="" type="checkbox"/> 32319 fPC, water, in situ	2019-12-19 2022-10-11
<input checked="" type="checkbox"/> 32321 Relative fPC, water, in situ	2019-12-19 2022-10-11

[Summary of all available data for this site](#)
[Instantaneous-data availability statement](#)

Temperature, water, degrees Celsius

Most recent instantaneous value: 11.8 10-11-2022 01:00 EST



----- Provisional Data Subject to Revision -----

Compare against standards

- What are they?
- How were they set?
- Can you change them?



NEW YORK CLASSIFICATIONS UPPER DELAWARE RIVER

AA – drinking water with disinfection

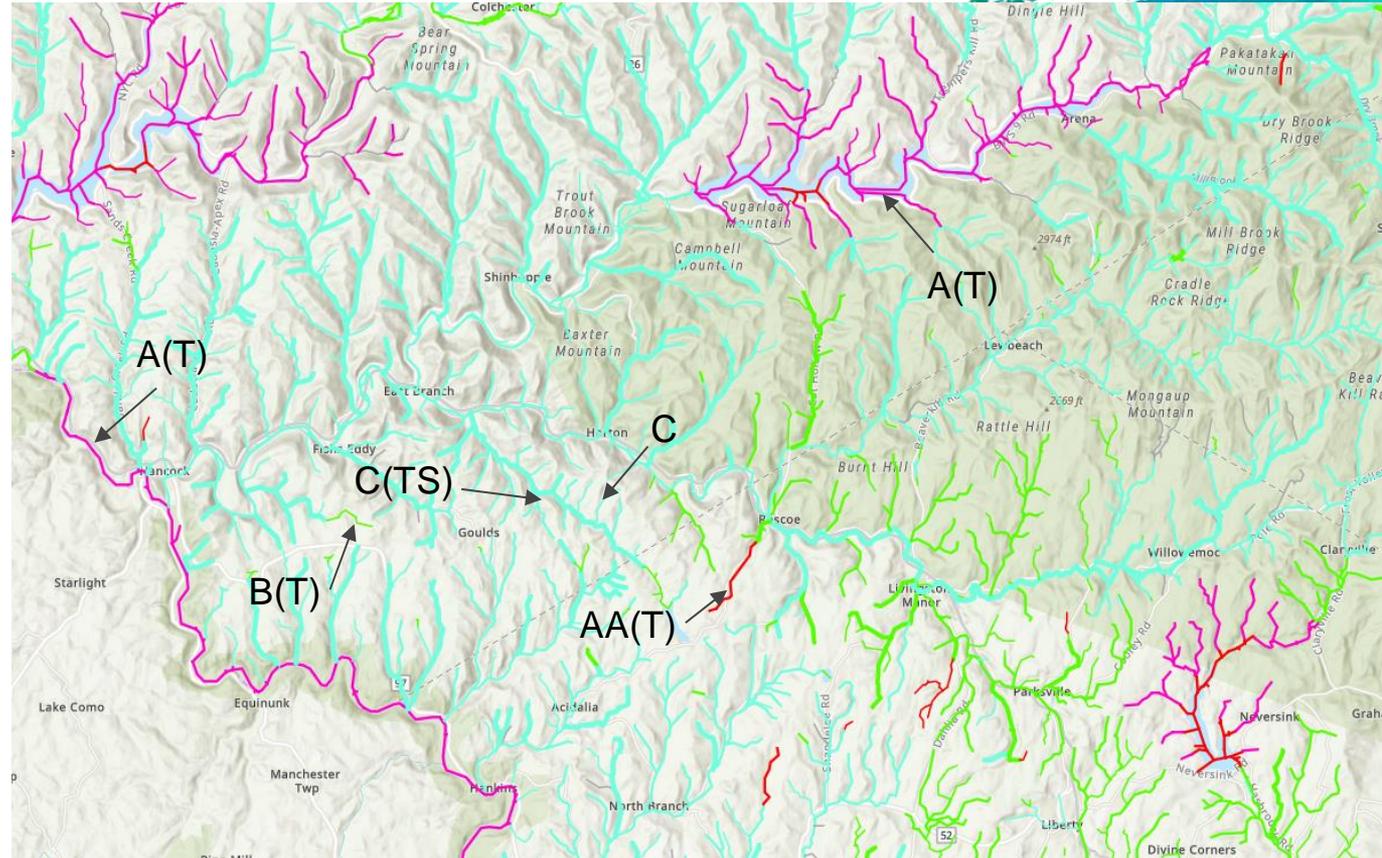
A – drinking water with more treatment

B – swimming and boating

C – fishing, swimming and boating may be limited

T – trout waters

TS – trout spawning waters

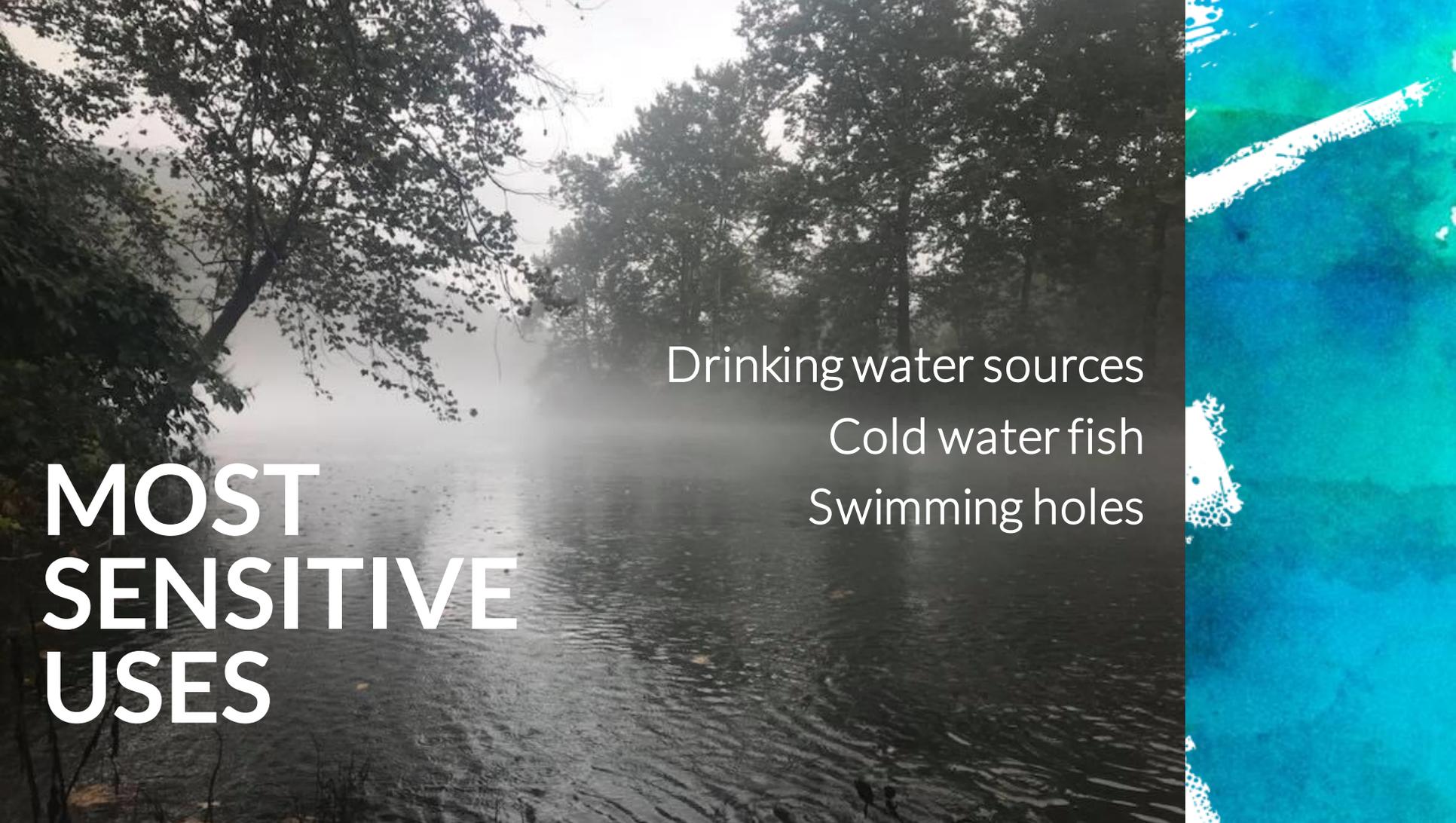


STEP 2: PROTECT THE CURRENT WATER QUALITY

How?

- Awareness about most sensitive uses
- Identify and reduce threats





MOST SENSITIVE USES

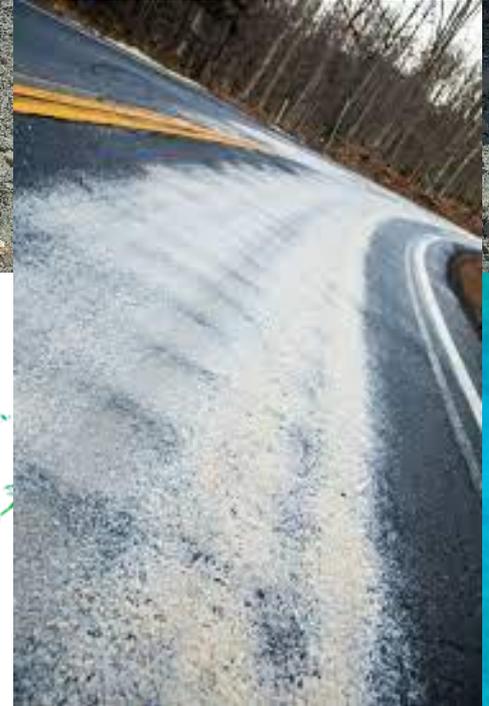
Drinking water sources

Cold water fish

Swimming holes

IDENTIFY AND REDUCE THREATS

- Quarries
- Construction sand processing
- Seasonal use properties – campgrounds, resorts
- Road system – runoff, maintenance, road salt



PATH TO PROTECTION

A scenic landscape featuring a calm lake reflecting the warm, golden light of a sunset. The sky is filled with soft, orange and yellow clouds, transitioning into a darker blue as they rise. In the background, rolling hills and a few trees are silhouetted against the bright horizon. A large, white, splattered graphic element, resembling a splash of paint or a torn piece of paper, is positioned on the left side of the image, partially overlapping the text and the lake.

- Sourcewater protection
- Road salt strategy
- Quarry strategy
- Seasonal wastewater management
- Septic upgrades
- Maintain high quality = economic development

Thanks

Grateful for the
opportunity...

Special thanks for slide background: [SlidesCarnival](#), [GraphicBurger](#)

Photo credits: Friends of the Upper Delaware