

Open Call for Tribal Participants
On behalf of the Big Valley Band of Pomo Indians

Water Monitoring for Harmful Algal Blooms

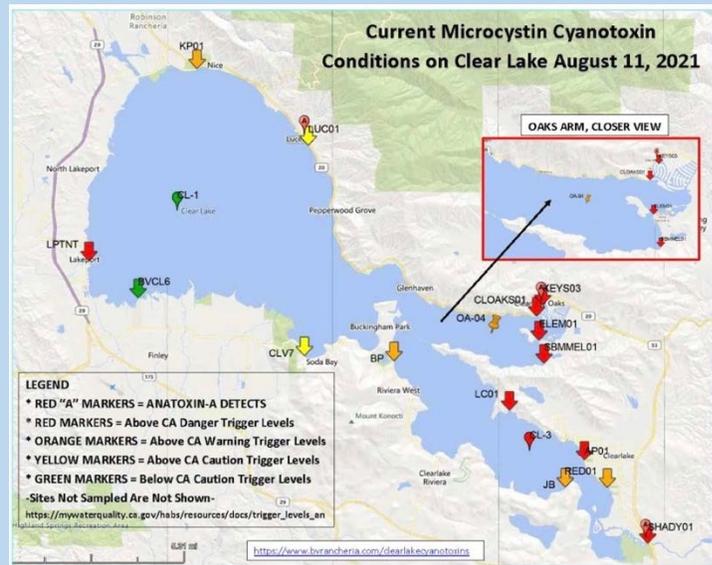
How to start a basic Tribal program



April 25-29, 2022

In-person and hybrid (online) workshop format

Application deadline: March 20, 2022



WHO CAN PARTICIPATE

Any Tribal THPO or EPA staff member from Region 9 (California, Nevada, and Arizona). Tribes from outside Region 9 will be considered on a case-by-case basis.

We strongly encourage two-person teams to apply, especially if the team members are based in Lake County **or** are from outside Lake County and are willing to share a resort cabin/yurt throughout the workshop.

Participants are required to complete a free online Udemy course prior to arrival, and will be awarded a \$50 gift certificate once their exam has been received. **Completing the course demonstrates your commitment to doing the work necessary to setting up a water monitoring program for your tribe, and ensures everyone in the workshop has a shared knowledge base.**

WHAT WE'LL PROVIDE

- Lodging for participants outside Lake County and lunch/snacks/dinner (buffet style for everyone) in a lovely lakeside resort. (Each *shared* cabin/yurt will have a kitchen stocked with basic breakfast items.)
- WiFi access
- Water monitoring fieldwork equipment and lab materials
- Course textbook
- \$50 Amazon gift certificate
- 6 months of follow-up technical and programmatic support via Zoom/Google Meet webinars

TOPICS COVERED

- Tribal beneficial uses (TBUs)
- Water quality and water pollution
- The Clean Water Act
- Water sample collection and storage
- Measuring dissolved oxygen (DO), pH, temperature, turbidity, phycocyanins
- Eutrophication: Understanding nitrogen and phosphorus loads in aquatic bodies
- Cyanobacteria and algal blooms
- Cyanotoxins and Harmful Algal Blooms
- Cyanotoxin/cHABs identification
- The California Water Board, Cal-EPA, OEHHA
- How to set up a lab and test for cyanotoxins
- Reporting bird/fish kills with iNaturalist
- Reporting HABs on mywaterquality.ca.gov
- EPA/OEHHA trigger levels
- Anticipating fish kills
- Bird and Fish kill reporting to CALEPA/CDFW

WHAT IT WILL COST; WHAT YOU NEED TO BRING

All participants are responsible for the cost of getting to and from the workshop.

(To enable more people to participate, our budget doesn't cover round-trip transportation expenses.)

You'll need to show up with a smartphone, iPad or tablet, or laptop computer, along with working headphones, as we'll be watching short videos as part of the workshop.

HOW TO APPLY

Fill out an application on Google Forms: <https://forms.gle/xBWEcu2nSkup1cKQ8> by March 20, 2022. We encourage you to apply right away as space is limited.

Local participants and people willing to share cabins/yurts will be given priority, on a first-come, first-served basis. Once the workshop is full, everyone else will be placed on a waiting list, or encouraged to attend remotely.