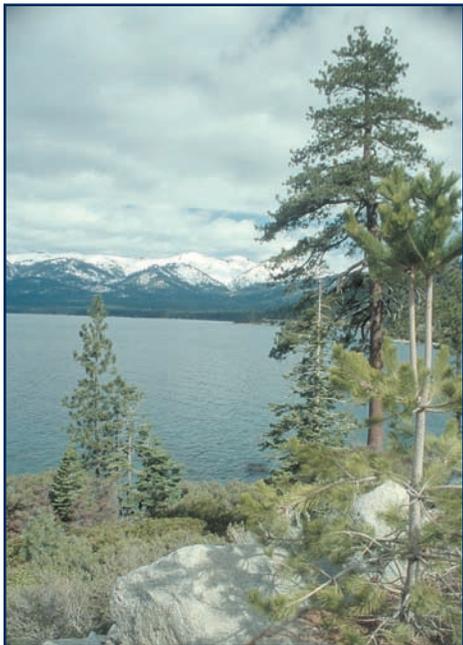


What parameters will be measured?

The parameters measured in the Lakes Survey will be used to evaluate the ecological condition, trophic state, and recreational potential of lakes. The sampling will occur using consistent procedures at all sites to ensure that the results can be compared across the country.



Key indicators to be measured include:

Trophic Indicators

- *In situ* temperature and dissolved oxygen profiles
- Water chemical quality and nutrient concentrations
- Chlorophyll *a*, Secchi disk depth, turbidity, and color

Ecological Integrity Indicators

- Sediment diatoms
- Phytoplankton
- Zooplankton
- Shoreline physical habitat conditions
- Macroinvertebrates

Recreational Indicators

- Pathogen indicator (enterococci)
- Algal toxin (microcystins)
- Sediment mercury

What is the schedule for the Lakes Survey?

The time line below lists the major phases of the Lakes Survey and the year they will be accomplished.

Activities				
2006	2007	2008	2009	2010
Design	Field	Lab/Data	Report	Research
Target population	Training	Lab analysis	Data analysis	Scientific issues
Indicators	Site reconnaissance	Lab quality assurance	Presentations	Policy issues
Field/lab practices	Sample collection	Data entry	Peer review	Supplemental data analysis
Quality assurance plan	Field quality assurance	Data quality assurance	Final report	Methods refinement

For more information visit: www.epa.gov/owow/lakes/lakessurvey/
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