

Lakes and Ponds Field Sheet



Organization _____ **General weather conditions last 3 days at:** _____
PALIS # _____ **date:** _____ **Rain:** _____ **Temp:** _____ **Notes:** _____
Lake Name: _____ **(cm)** _____ **(°C)** _____
Town: _____
Site ID #: _____ **Sampling Crew** (names of volunteers): _____
Site Name: _____

Date _____ **Time (24 hr.)** _____
Photos taken? yes no
Photo Negative Numbers: _____

Lake level staff gage reading and source/type (if available)

Current Weather	Air Temperature (°C)	Wind Conditions	Odor (surface)	Water Clarity (check all that apply)	Water Color (color at 1/2 secchi depth as it appears on white secchi parts)
Clear	<0	Calm (0-2 km/h)	None	Clear	Clear/Blue
Partly sunny	0 - 5	Slight breeze (2-8 km/h)	Sulfide (rotten egg)	Slightly turbid	Grayish
Partly cloudy	5 - 10	Moderate winds (8-25 km/h)	Fishy	Highly turbid	Brownish
Mostly cloudy	10 - 15	Gusty (15-40 km/h)	Septic	Suspended solids/murky	Blackish
Overcast	15 - 20	Strong winds (>40km/h)	Chlorine		Light yellow/tan
Foggy	20 - 25	Lake Water Level Low (estimate minus ___ cm) Normal High (estimate plus ___ cm)	Petroleum		Dark tan
Drizzly	25 - 30		Musty (basement)		Light green tint
Light rain	>30		Rotten vegetation		Green
Heavy rain			Other		Blue-Green
Sleet					Reddish
Snow					Other

Wind Direction (blowing from the ...)	Wave Height	Presence of Algae (0-1 meter)	Density of Aquatic Plants (check all that apply)
Calm	Calm (0 cm)	None	None
Calm	0-5 cm	Sparse	Unobservable (note why in description)
North	5- 10cm	Moderate	Sparse (individual plants, scattered)
Northeast	5-10 in	Dense (uniformly distributed)	Moderate (individual plants close together, scattered groups)
Northwest	10-40 cm	Dense (clumps/patches)	Dense (continuous coverage)
South	40-60 cm	Floating scum (continuous surface bloom)	Emergent
Southeast	>60 cm	Algae Description (describe shapes: spherical, filamentous, flocculent...and note genus/species if known):	Floating
Southwest			Submerged
East			Aquatic Plant Description (list plants in general vicinity of site; note genus and species if known):
West			

Whole Lake Information (fill out for the lake as a whole, check multiple boxes if applicable and note locations of observations)

Scum(s) yes no (include oil sheens, pollen/dust blankets and similar **floating** layers that reduce aesthetics)
Description of Scum(s)

Observed Use(s) (include indications of use even if use not observed) none swimming boating water intake fishing other
Description of Observed Use(s) (include numbers) **or Indicators of Use(s)**

Objectionable Deposits none floating sunken garbage/trash aquatic weeds flocculent mass (rust colored or other) other
Description of Objectionable Deposits (type, extent and area affected...)

Shoreline Erosion yes no (describe any shoreline erosion observed, note location: look for existing and potential slope failures, landslides.)
Description of Erosion

Wildlife Sightings none fish mammals birds reptiles (snakes, turtles) waterfowl amphibians (frogs, salamanders) other
Description of Wildlife Sightings (include numbers) **or Indicators of Use(s)**

Potential Pollution Sources none waste outfall pipes garbage/trash dumping land clearing green lawns shoreline residences other
Description of Potential Pollution Sources

