

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 ½ 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		Petroleum		Dark tan
Drizzly	25 - 30	Lake Water Level	Musty (basement)		Light green tint
Light rain	>30	Low (estimate minus ___ cm)	Rotten vegetation		Green
Heavy rain		Normal	Other		Blue-Green
Sleet		High (estimate plus ___ cm)			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	
North	0-5 cm	Sparse		Unobservable (note why in description)	
Northeast	5- 10cm	Moderate		Sparse (individual plants, scattered)	
Northwest	5-10 in	Dense (uniformly distributed)		Moderate (individual plants close together, scattered groups)	
South	10-40 cm	Dense (clumps/patches)		Dense (continuous coverage)	
Southeast	40-60 cm	Floating scum (continuous surface bloom)		Emergent	
Southwest	>60 cm	Algae Description (describe shapes: spherical, filamentous, flocculent... and note genus/species if known):		Floating	
East				Submerged	
West				Aquatic Plant Description (list plants in general vicinity of site; note genus and species if known):	

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

Cooler Temperature (post sampling at Lab): _____