Lakes and Ponds Field Sheet



0			General weather conditions last 3 days at:											
Organization			-											
					Notes:									
Lake Name: Town:			(cm)	(C)										
Site ID #:		Sampling Crew	(names of volunteers):											
Site Name:			Sampling Crew (names of volunteers):											
Date	Time (24	hr.)												
Photos taken? yes	s no													
Photo Negative Nur	nbers:													
Lake level staff gage	e reading and source	e/type (if available)												
				T	T									
	Air Temperature	Wind Conditions	Odor (surface)	Water Clarity	Water Color (color at ½ secchi depth as it appears on white secchi parts)									
Clear	(°C)	Calm (0-2 km/h)	None	(check all that apply)	depth as it appears on white secchi parts)									
Partly sunny	<0	Slight breeze (2-8 km/h)	Sulfide (rotten egg)	Clear	Clear/Blue									
Partly cloudy	0 - 5	Moderate winds (8-25 km/h)	•	Slightly turbid	Grayish									
Mostly cloudy Overcast	5 - 10 10 - 15	Gusty (15-40 km/h) Strong winds (>40km/h)	Septic Chlorine	Highly turbid Suspended	Brownish Blackish									
Foggy	15 - 20	Strong winds (>40kii/ii)	Petroleum	solids/murky	Light yellow/tan									
Drizzly	20 - 25	Lake Water Level	Musty (basement)	Solids/Illulky	Dark tan									
Light rain	25 - 30	Low (estimate minus cm)	-		Light green tint									
Heavy rain	>30	Normal	Other		Green									
Sleet		High (estimate plus cm)		j	Blue-Green									
Snow					Reddish									
					Other									
Wind Direction	Wave Height	Presence of Algae (0-1 meter)		-	c Plants (check all that apply)									
(blowing from the)	Calm (0 cm)	None		None										
Calm	0-5 cm	Sparse		Unobservable (note why in description)										
North	5- 10cm	Moderate		Sparse (individual										
Northeast	5-10 in	Dense (uniformly distributed)		Moderate (individual plants close together, scattered groups) Dense (continuous coverage)										
Northwest	10-40 cm	Dense (clumps/patches)	C 11		coverage)									
South	40-60 cm	Floating scum (continuous sur		Emergent Floating										
Southeast	>60 cm	Algae Description (describe sh filamentous, flocculentand note		Submerged										
Southwest		mamentous, nocculentand note	genus/species ii knowii):		cription (list plants in general vicinity of									
East				site; note genus and species if known):										
West				site, note genus una	pecies if known/s									
Whole Lake Information	n (fill out for the lake as	s a whole, check multiple boxes if ap	pplicable and note locations	of observations)										
Scum(s) yes		s, pollen/dust blankets and similar fl	loating layers that reduce a	esthetics)										
Description of Scur	n(s)													
Observed Use(s) (in	clude indications of use	even if use not observed) none	e swimming box	ating water intake	fishing other									
` ' '		numbers) or Indicators of Use(s)	_	ating water make	naming outer									
Objectionable Depo	sits none flo	ating sunken garbage/tra	ash aquatic weeds	flocculent mass (ru	st colored or other) other									
-		type, extent and area affected)												
	• `	,												
Shoreline Erosion	yes no (descri	ibe any shoreline erosion observed, r	note location: look for exist	ing and potential slope f	ailures, landslides.)									
Description of Eros	ion													
,														
Wildlife Sightings		•	snakes, turtles) waterf	owl amphibians (frogs, salamanders) other									
Description of Wild	llife Sightings (includ	e numbers) or Indicators of Use((s)											
Potential Pollution S	Sources none	waste outfall nines carbaca	trach dumning land	clearing gran lar	wns shoralina rasidanaas athar									
Description of Poter			/trash dumping land	clearing green lav	wns shoreline residences other									



																						-	O'IN	2.35
SAMPLE D																								
Bottle Sample	e(s) collected	l? Yes N	О		No	tes:																		
Time (24 hr.)																								
Secchi depth																								
Secchi viewfin		Yes N																						
Secchi on bott		Yes N																						
Secchi in weed		Yes N																						
Secchi taken i	_	Yes N	О																					
Station Maxir														~										
Maximum De	pth Method	Secchi dis	k line	I	ead li	ne	Sor	nar	Su	vey r	od	O	ther	C	oole	r ID	:							
		Sample Depth (m) Matr			rix		Analyte/Bottle G					oup	up			Sample Type						QA/Q	C	
															Grab Composite									
		Discrete depth/ Integrated depth	ent	Sediment (Z)		Chemistry (C)	Nutrients* (N/P)	(S)	Bacteria (B)	Chlorophyll a (I)	Algae (A)	(9)	(R)	*	Manual Grab	Vandorn/Kemmerer	Petite Ponar	Depth Integrated	Grab Composite	*	Field Blank	Duplicate***	**	Total # of bottles
CAMPI	7 ID #	iscr	Effluent	edin	Water	hem	utri	Solids	acte	hlor	lgae	Zoops	Color	Other**	anu	and	etite	epth	rab	Other**	ield	upli	Other**	otal
SAMPLI	E ID#	O H	Œ	Š	×	\mathbf{C}	Z	Š	B	C	A	Ž	S	0	Σ	Α	P	Ď	G	0	Œ	D	0	T
			-																					
** describe in not	es	r matrix nutrients)				1 H₂S			HCl lumn	for ea	ch and	d leave	e blan	k lines	s befo	ore an	d afte	er dup	licate	sets				
INSTRUMEN	NT DATA																							
Meter ID #:		Note	s:																					
Thermometer :	ID#:																							
Surveyor#:																								
Duplicate read	_	Yes No																						
Duplicate Mete	er ID#:																							
Time	Temp. (°C)	DO (mg/l)		Dej	oth ters)			ond /cm)		p	Н		%	Sat			Turk (ntu			TD (mg			Red (mV	
	(C)	(IIIg/I)		(IIIC	(C1S)		(===	(CIII)									(III u	<u>, </u>		(IIIg	/1)		(111)	·)
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