

**Amphibian Survey and Habitat Assessment Field Form, Version 2.0, April 2023**

<b>DATE:</b>		<b>DRIVE TIME (out&amp;back):</b>			<b>SURVEY TIME:</b>			<b>HIKING TIME (out&amp;back):</b>			
<b>SITE NAME:</b>					<b>OBSERVER NAMES:</b>						
<b>NAD83 Zone:</b>		<b>START UTME:</b>			<b>UTMN:</b>			<b>END UTME:</b>			<b>UTMN:</b>
<b>WEATHER CONDITIONS</b>											
<b>WEATHER:</b> Mostly Clear (0-10% cloud)    Partly Cloudy (10-50%)    Mostly Cloud (50-99%)    Overcast (100%)    Rain    Snow											
<b>WIND:</b> Calm    Light    Strong			<b>AIR TEMP. (°C):</b>		<b>RAIN ESTIMATE IN LAST 72 HRS:</b> none    light/drizzle    heavy/storm						
<b>Amphibian Species Present</b>					<b>AMPHIBIANS DETECTED DURING SURVEYS?</b> Yes    No						
Water-body #s	Species	# Egg mass	# Tadpole	# Meta-morph	Juv./ Adult		Survey Method	Photo No.	PIT status (recap/ new/ none)	PIT tag number	
					g	mm					
							Visual Aural				
							Visual Aural				
							Visual Aural				
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							Visual Aural				
Additional amphibian notes:									Chytrid swab taken?    Yes    No		
									#		
									#		
									#		
<b>Site Description</b>											
<b>FISH PRESENT:</b> Yes    Unknown    No				<b>FISH SPECIES:</b>							
<b>ENTIRE SITE SEARCHED:</b> Yes    No				IF NO, INDICATE AREA (e.g. northern half of lake shore)							
<b>ORIGIN:</b> Natural    Man-made    Uncertain					<b>DRAINAGE:</b> Permanent    Intermittent    None						
Site description and comments:											
<b>DISTURBANCE</b> (Use scale below for each 0- not present, 5- high disturbance)	Residential:			Water Mgmt:			Livestock manure:			ATV track:	
	Recreation:			Mining:			Livestock tracks > 13 cm deep:			Road:	
	Ag & Grazing:			Unnatural bare soil:			Grazed veg (by livestock):			Hiking trail:	
Notes on disturbances seen:											

Disturbance Scale: 0: Not present; 1: Minimal (e.g. – disturbance very light, or of greater intensity localized in minimal areas); 2: Minor (e.g. – disturbance of low intensity or occasional occurrences of higher intensity); 3: Moderate (e.g. – disturbance of moderate intensity and common); 4: Severe (e.g. – disturbance common to frequent, and of high intensity); 5: Extreme (e.g. – disturbance widespread and of high intensity)

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**COLLECT DATA AT UP TO THREE REPRESENTATIVE WATERBODIES AND THEN RECORD GENERAL CHARACTERISTICS**

**General Characteristics of All Site Waterbodies**

<b># OF POTENTIAL BREEDING WATERBODIES:</b> 1 2 3-5 >5				<b>TURBIDITY:</b> Mostly turbid Mixture of turbid/clear Mostly clear			
<b>TYPES PRESENT:</b> permanent lake/pond temporary pool/pond marsh/bog spring stream (circle all applicable) active beaver pond inactive beaver pond wet meadow with standing water other:							
<b>EMERGENT VEG. IN WATER</b> Abundant Frequent Occasional Absent				<b>SURFACE ALGAE IN WATER</b> Abundant Frequent Occasional Absent			
<b>SUBMERGENT VEG. IN WATER</b> Abundant Frequent Occasional Absent				<b>CHARA IN WATER</b> Abundant Frequent Occasional Absent			
<b>MAX DEPTH:</b> <1 m 1-2 m >2 m		<b>EMERGENT VEG ALONG SHORELINES</b> Abundant Frequent Occasional Absent					
<b>SHALLOWS ALONG SHORELINES?</b> Abundant Frequent Occasional Absent				<b>SILT/MUD SUBSTRATE</b> Abundant Frequent Occasional Absent			

**Waterbody 1**

<b>WATERBODY TYPE:</b> permanent lake/pond temporary pool/pond marsh/bog spring stream (circle one) active beaver pond inactive beaver pond wet meadow with standing water other:											
<b>MAX DEPTH:</b> <1 m 1-2 m >2 m		<b>PRIMARY SUBSTRATE:</b> Silt/mud Sand/gravel Cobble Boulder/Bedrock Other:									
<b>% WATER WITH EMERGENT VEG.</b>		0	1-25	>25-50	>50	<b>% SURFACE ALGAE</b>		0	1-25	>25-50	>50
<b>% WATER WITH SUBMERGENT VEG.</b>		0	1-25	>25-50	>50	<b>% CHARA</b>		0	1-25	>25-50	>50
<b>EMERGENT VEG ALONG SHORELINE</b> Abundant Frequent Occasional Absent											
<b>SHALLOWS ALONG SHORELINES?</b> Abundant Frequent Occasional Absent				<b>TURBIDITY:</b> Mostly turbid Mixture of turbid/clear Mostly clear							

**Waterbody 2**

<b>WATERBODY TYPE:</b> permanent lake/pond temporary pool/pond marsh/bog spring stream (circle one) active beaver pond inactive beaver pond wet meadow with standing water other:											
<b>MAX DEPTH:</b> <1 m 1-2 m >2 m		<b>PRIMARY SUBSTRATE:</b> Silt/mud Sand/gravel Cobble Boulder/Bedrock Other:									
<b>% WATER WITH EMERGENT VEG.</b>		0	1-25	>25-50	>50	<b>% SURFACE ALGAE</b>		0	1-25	>25-50	>50
<b>% WATER WITH SUBMERGENT VEG.</b>		0	1-25	>25-50	>50	<b>% CHARA</b>		0	1-25	>25-50	>50
<b>EMERGENT VEG ALONG SHORELINE</b> Abundant Frequent Occasional Absent											
<b>SHALLOWS ALONG SHORELINES?</b> Abundant Frequent Occasional Absent				<b>TURBIDITY:</b> Mostly turbid Mixture of turbid/clear Mostly clear							

**Waterbody 3**

<b>WATERBODY TYPE:</b> permanent lake/pond temporary pool/pond marsh/bog spring stream (circle one) active beaver pond inactive beaver pond wet meadow with standing water other:											
<b>MAX DEPTH:</b> <1 m 1-2 m >2 m		<b>PRIMARY SUBSTRATE:</b> Silt/mud Sand/gravel Cobble Boulder/Bedrock Other:									
<b>% WATER WITH EMERGENT VEG.</b>		0	1-25	>25-50	>50	<b>% SURFACE ALGAE</b>		0	1-25	>25-50	>50
<b>% WATER WITH SUBMERGENT VEG.</b>		0	1-25	>25-50	>50	<b>% CHARA</b>		0	1-25	>25-50	>50
<b>EMERGENT VEG ALONG SHORELINE</b> Abundant Frequent Occasional Absent											
<b>SHALLOWS ALONG SHORELINES?</b> Abundant Frequent Occasional Absent				<b>TURBIDITY:</b> Mostly turbid Mixture of turbid/clear Mostly clear							

**Collect water chemistry data, below, near where amphibians are seen, or at one or more random location in shallow water (<20 cm) near shore. Indicate water depth and whether egg mass and tadpole where seen at measurement location.**

Water-body #	Egg mass?	Tadpole ?	Stand. or Flow.	Depth of water (cm)	pH	EC (uS)	Temp (°C)	Color	Turbidity Tube (at water ≥20 cm deep)	Notes and/or Photo #s
	Y N	Y N	S F					Clear Stained	> or = (circle one): _____ cm	
	Y N	Y N	S F					Clear Stained	> or = (circle one): _____ cm	
	Y N	Y N	S F					Clear Stained	> or = (circle one): _____ cm	