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

**DATE:**

**DRIVE TIME (out&back):**

**SURVEY TIME:**

**HIKING TIME (out&back):**

**SITE NAME:**

**OBSERVER NAMES:**

**NAD83 Zone:**

**START UTME:**

**UTMN:**

**END UTME:**

**UTMN:**

### WEATHER CONDITIONS

**WEATHER:**
- Mostly Clear (0-10% cloud)
- Partly Cloudy (10-50%)
- Mostly Cloud (50-99%)
- Overcast (100%)
- Rain
- Snow

**WIND:**
- Calm
- Light
- Strong

**AIR TEMP. (°C):**

**RAIN ESTIMATE IN LAST 72 HRS:**
- None
- Light
- Drizzle
- Heavy
- Storm

### Amphibian Species Present

**AMPHIANS DETECTED DURING SURVEYS?**
- Yes
- No

<table>
<thead>
<tr>
<th>Water-body #s</th>
<th>Species</th>
<th># Egg mass</th>
<th># Tadpole</th>
<th># Metamorph</th>
<th>Juvi./Adult</th>
<th>Survey Method</th>
<th>Photo No.</th>
<th>PIT status (recap/new/none)</th>
<th>PIT tag number</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

**Additional amphibian notes:**

**Chytrid swab taken?**
- Yes
- No

### Site Description

**FISH PRESENT:**
- Yes
- Unknown
- No

**FISH SPECIES:**

**ENTIRE SITE SEARCHED:**
- Yes
- No

**IF NO, INDICATE AREA (e.g. northern half of lake shore):**

**ORIGIN:**
- Natural
- Man-made
- Uncertain

**DRAINAGE:**
- Permanent
- Intermittent
- None

**Site description and comments:**

### DISTURBANCE

(Use scale below for each 0-not present, 5-high disturbance)

<table>
<thead>
<tr>
<th>Residential:</th>
<th>Water Mgmt:</th>
<th>Livestock manure:</th>
<th>ATV track:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recreation:</td>
<td>Mining:</td>
<td>Livestock tracks &gt; 13 cm deep:</td>
<td>Road:</td>
</tr>
<tr>
<td>Ag &amp; Grazing:</td>
<td>Unnatural bare soil:</td>
<td>Grazed veg (by livestock):</td>
<td>Hiking trail:</td>
</tr>
</tbody>
</table>

**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)
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)
## Amphibian Survey and Habitat Assessment Field Form, Version 2.0, April 2019

### Collect data at up to three representative waterbodies and then record general characteristics

#### General Characteristics of All Site Waterbodies

<table>
<thead>
<tr>
<th># of Potential Breeding Waterbodies:</th>
<th>1</th>
<th>2</th>
<th>3-5</th>
<th>&gt;5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turbidity:</td>
<td>Mostly turbid</td>
<td>Mixture of turbid/clear</td>
<td>Mostly clear</td>
<td></td>
</tr>
</tbody>
</table>

#### Types Present:

- permanent lake/pond
- temporary pool/pond
- marsh/bog
- spring stream
- active beaver pond
- inactive beaver pond
- wet meadow with standing water

#### Emergent V. in Water

- Abundant
- Frequent
- Occasional
- Absent

#### Submersed V. in Water

- Abundant
- Frequent
- Occasional
- Absent

#### Max Depth:

- <1 m
- 1-2 m
- >2 m

#### Shallows Along Shorelines?

- Abundant
- Frequent
- Occasional
- Absent

#### EMERGENT VEG Along Shorelines

- Abundant
- Frequent
- Occasional
- Absent

#### Surface Algae in Water

- Abundant
- Frequent
- Occasional
- Absent

#### Chara in Water

- Abundant
- Frequent
- Occasional
- Absent

#### Waterbody 1

**WATERBODY TYPE:** permanent lake/pond temporary pool/pond marsh/bog spring stream active beaver pond inactive beaver pond wet meadow with standing water

<table>
<thead>
<tr>
<th>Max Depth:</th>
<th>&lt;1 m</th>
<th>1-2 m</th>
<th>&gt;2 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Substrate:</td>
<td>Silt/mud</td>
<td>Sand/gravel</td>
<td>Cobble</td>
</tr>
<tr>
<td>% Water with Emergent V.</td>
<td>0</td>
<td>1-25</td>
<td>&gt;25-50</td>
</tr>
<tr>
<td>% Water with Submersed V.</td>
<td>0</td>
<td>1-25</td>
<td>&gt;25-50</td>
</tr>
<tr>
<td>Emergent V. Along Shoreline:</td>
<td>Abundant</td>
<td>Frequent</td>
<td>Occasional</td>
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<tr>
<td>Shallows Along Shorelines?</td>
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#### Waterbody 2

**WATERBODY TYPE:** permanent lake/pond temporary pool/pond marsh/bog spring stream active beaver pond inactive beaver pond wet meadow with standing water

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<thead>
<tr>
<th>Max Depth:</th>
<th>&lt;1 m</th>
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<td>% Water with Emergent V.</td>
<td>0</td>
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#### Waterbody 3

**WATERBODY TYPE:** permanent lake/pond temporary pool/pond marsh/bog spring stream active beaver pond inactive beaver pond wet meadow with standing water

<table>
<thead>
<tr>
<th>Max Depth:</th>
<th>&lt;1 m</th>
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<td>% Water with Submersed V.</td>
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### 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 were seen at measurement location.

<table>
<thead>
<tr>
<th>Waterbody #</th>
<th>Egg mass?</th>
<th>Tadpole?</th>
<th>Stand. or Flow.</th>
<th>Depth of water (cm)</th>
<th>pH</th>
<th>EC (uS)</th>
<th>Temp (°C)</th>
<th>Color</th>
<th>Turbidity Tube (at water ≥20 cm deep)</th>
<th>Notes and/or Photo #s</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Y N</td>
<td>Y N</td>
<td>S F</td>
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<td>&gt; or = (circle one): _____ cm</td>
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