**UNIT NAME: _____ Stream Habitat Data Sheet**

| Stream Name(PSName): | Date (dd MONTH): **2004** | Observer Transect 1:<br>Observer Transect 2: | | |
|---|---|---|---|---|
| Top of **Transect 1** LATITUDE:<br>(ddd mm ss.ssss) | EPE (m) | Top of **Transect 2** LATITUDE: | EPE (m) | Slope:<br>Transect 1: _____ °<br>Transect 2: _____ ° |
| Top of **Transect 1** LONGITUDE:<br>(ddd mm ss.ssss) | EPE (m) | Top of **Transect 2** LONGITUDE: | EPE (m) | |

Stream Channel Modification: ☐ Natural without modification ☐ Modified (dredged, pipe, cement, etc.)

Stream Order:
☐ Headwater area ☐ First Order ☐ Second Order

Notes:

**Flow Regime:** Record % of transect covered by each (sum to 100%):

| | **Transect 1 (%)** | | **Transect 2 (%)** |
|---|---|---|---|
| Dry | _____ | Dry | _____ |
| Moist | _____ | Moist | _____ |
| Seep | _____ | Seep | _____ |
| Pool | _____ | Pool | _____ |
| Riffle | _____ | Riffle | _____ |
| Run | _____ | Run | _____ |

**% SUBSTRATE EMBEDDEDNESS: Transect 1: _____ % Transect 2: _____ %**

**% SUBSTRATE TYPE:** Record % of transect covered by each (sum to 100%):

| **Transect 1 (%)** | | **Transect 2 (%)** | |
|---|---|---|---|
| _____ Sand (< 2 mm) | _____ Silt | _____ Sand (< 2 mm) | _____ Silt |
| _____ Gravel (2-32 mm) | _____ Detritus | _____ Gravel (2-32 mm) | _____ Detritus |
| _____ Pebble (33-64 mm) | _____ Clay/Hardpan | _____ Pebble (33-64 mm) | _____ Clay/Hardpan |
| _____ Cobble (65-256 mm) | _____ Muck | _____ Cobble (65-256 mm) | _____ Muck |
| _____ Boulder (> 256 mm) | _____ Artificial | _____ Boulder (> 256 mm) | _____ Artificial |
| _____ Bedrock | | _____ Bedrock | |

**Riparian Width** (width of forested buffer on left and right sides of stream):

| L | R | |
|---|---|---|
| ☐ | ☐ | Wide (> 50 m) |
| ☐ | ☐ | Moderate (11 – 50 m) |
| ☐ | ☐ | Narrow (1-10 m) |
| ☐ | ☐ | None |

**Land Use**: Record % of land use adjacent to the stream within 50 m of both sides (sum to 100%):

| **Transect 1 (%)** | | **Transect 2 (%)** | |
|---|---|---|---|
| _____ Agricultural/Field | _____ Mature Forest | _____ Agricultural/Field | _____ Mature Forest |
| _____ Pasture | _____ Immature Forest/Shrub | _____ Pasture | _____ Immature Forest/Shrub |
| _____ Industrial/Urban | _____ Meadow/Marsh | _____ Industrial/Urban | _____ Meadow/Marsh |
| _____ Suburban/Residential/Park | _____ Road | _____ Suburban/Residential/Park | _____ Road |
| _____ Mining/Construction | _____ Other | _____ Mining/Construction | _____ Other |
| (Describe Other: _____) | | (Describe Other: _____) | |

**Disturbance or Habitat Type Represented** (Please describe):

Transect 1: _____

_____

Transect 2: _____

_____

**UNIT NAME _____ Stream 15 x 2 m Transect Data Sheet**

| Stream Name (PSName): | Transect: 1 2 | Date (dd MONTH): **2004** | Pass 1 | Pass 2 | Pass 3 | Pass 4 |
|---|---|---|---|---|---|---|
| Air Temp: ºF ºC | Water Temp: ºF ºC | Begin Time: | | | | |
| Sky Code: | Wind Code: | End Time: | | | | |
| Turbidity? Clear Turbid | Water Variables (optional): | # Cover Objects | | | | |
| Date of Last Precipitation: | pH _____<br>Conductivity_____<br>DO _____ | Fish? Yes No Crayfish? Yes No Aqu Inv? Yes No | | | | |
| Stream Wetted Width (cm): _____ _____ _____ | | Maximum Depth (cm): _____ _____ _____ | | | | |
| Observer: | | Recorder: | | | | |

| PASS | SPECIES | Age Class L/A | Amphibian Length | | Malform/ Disease? Yes/No | Notes |
|---|---|---|---|---|---|---|
| | | | SVL (mm) | Total (mm) | | |
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| PASS | SPECIES | Age Class L/A | Amphibian Length | | Malform/ Disease? Yes/No | Notes |
|---|---|---|---|---|---|---|
| | | | SVL (mm) | Total (mm) | | |
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**UNIT NAME _____ Stream 4 m$^2$ Quadrat Data Sheet**

| | | | |
|---|---|---|---|
| Stream Name (PSName): | Date (dd MONTH): **2004** | Observer: **Quadrat 1**: **Quadrat 2**: | |
| Distance from **bottom** of transect (m)<br>**Quadrat 1**:<br>**Quadrat 2**: | | **Quadrat 1:**<br>Begin Time:<br>End Time: | **Quadrat 2:**<br>Begin Time:<br>End Time: |
| # Cover Objects Turned Over: **Quadrat 1**: | | **Quadrat 2**: | |
| Notes: | | | |

| Quadrat # | SPECIES | AGE CLASS Larva (L) Adult (A) | SVL (mm) | TOTAL LENGTH (mm) | NOTES |
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| Quadrat # | SPECIES | AGE CLASS Larva (L) Adult (A) | SVL (mm) | TOTAL LENGTH (mm) | NOTES |
|---|---|---|---|---|---|
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