

HABITAT DATA SHEET

Explore 30 meters of the stream, starting with your leaf pack site and looking upstream. Right and left bank designation is determined by looking upstream. Check the category that best describes your stream. Check glossary for vocabulary words.

IN- STREAM CHARACTERISTICS

1. Stream habitats present

(More than one box may be checked)

- | | | |
|-----------------------------------|---------------------------------------|---|
| <input type="checkbox"/> pools | <input type="checkbox"/> riffles | <input type="checkbox"/> runs |
| <input type="checkbox"/> logs | <input type="checkbox"/> woody debris | <input type="checkbox"/> fine sediment/sand |
| <input type="checkbox"/> wetlands | <input type="checkbox"/> leaves | <input type="checkbox"/> aquatic vegetation |

2. Water appearance

- | | | |
|-------------------------------------|---|--------------------------------|
| <input type="checkbox"/> clear | <input type="checkbox"/> turbid | <input type="checkbox"/> foamy |
| <input type="checkbox"/> oily sheen | <input type="text"/> colored (describe) | |

3. Human modification of stream channel

- | | | |
|---|--|--|
| <input type="checkbox"/> none | <input type="checkbox"/> bridge | <input type="checkbox"/> dam |
| <input type="checkbox"/> cement | <input type="checkbox"/> boulders | <input type="checkbox"/> pipe or ditch entering stream |
| <input type="checkbox"/> actively discharging pipe(s) | <input type="text"/> Other (<i>describe</i>) | |

STREAM BANK CHARACTERISTICS

4. Evidence of active erosion (bare soil)

- | Left bank | Right bank |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> < 20% | <input type="checkbox"/> < 20% |
| <input type="checkbox"/> 20% to 50% | <input type="checkbox"/> 20% to 50% |
| <input type="checkbox"/> >50% | <input type="checkbox"/> >50% |

Project Name: _____

5. Percent streambank vegetation

Left bank

- < 20%
- 20-50%
- > 50%

Right bank

- < 20%
- 20-50%
- > 50%

6. Stream bottom composition

- | | | |
|---|--|-------------------------------------|
| <input type="checkbox"/> cobbles
(2.5-10" or
6.4-25.6 cm diameter) | <input type="checkbox"/> boulders
(>10" or >25.6 cm diameter) | <input type="checkbox"/> sediment |
| <input type="checkbox"/> gravel
(0.08-2.5" or
0.02-6.4 cm diameter) | <input type="checkbox"/> bedrock | <input type="text" value="other:"/> |

VEGETATION ALONG BANK

Explore 30 meters of the stream upstream and 30 meters adjacent to your leaf pack site.

7. Left bank

- none
- grass
- trees
- shrubs
- Forest

(Forest is: > 5m tall; >40% interlocking canopy; >20m deep)

- mostly evergreen
- mostly deciduous

Right bank

- none
- grass
- trees
- shrubs
- Forest

- mostly evergreen
- mostly deciduous

Project Name: _____

LAND-USE CHARACTERISTICS

Describe the main land-use within 1/4 mile upstream and adjacent to your site.

8. Land-use

- | | |
|---|--|
| <input type="checkbox"/> agriculture | <input type="checkbox"/> forest |
| <input type="checkbox"/> fields/pasture | <input type="checkbox"/> active construction |
| <input type="checkbox"/> golf course | <input type="checkbox"/> residential /commercial |
| <input type="checkbox"/> parks and recreation | <input type="checkbox"/> industrial |
| <input type="checkbox"/> sewage treatment plant | <input type="checkbox"/> mowed lawn |

9. Impervious surfaces (Includes roads, parking lots, malls, houses)

- | | | |
|--------------------------------|-------------------------------------|--------------------------------|
| <input type="checkbox"/> < 20% | <input type="checkbox"/> 20% to 50% | <input type="checkbox"/> > 50% |
|--------------------------------|-------------------------------------|--------------------------------|

10. Presence of litter in stream

- | | |
|---|---|
| <input type="checkbox"/> none | <input type="checkbox"/> cans/bottles |
| <input type="checkbox"/> paper, small trash | <input type="checkbox"/> tires, carts, etc. |
| <input type="text"/> | other |

ADDITIONAL INFORMATION ABOUT YOUR STREAM

Average width (meters):

Stream discharge:
(cubic meters per second)