

Stream Inventory - Watershed Assessment

Stream Walkers: _____

Date _____

Stream Name: _____

Water level: high, avg., low

Weather conditions: _____

Last rain event _____

Air temp. _____ Water temp. _____

Inventoried stream section, River Mile _____ to River Mile _____

Descriptive location (use roads etc.) _____

Water surface appearance:

- Scum
- Foamy
- Muddy
- Milky
- Clear
- Colored sheen (oily)
- Brownish
- Other, _____

Stream bed coating:

- Algae coated
- Orange to red
- Yellowish
- Black
- Brown
- None
- Silt coated, depth of deposit _____
- Other _____

Odor:

- Rotten Egg
- Musky
- Sewage
- Chlorine
- None
- Other, _____

Habitat:

- Pools
- Undercut banks
- Riffles
- Rock ledges
- Wetlands
- Tree roots
- Log piles
- Backwaters
- Logs or woody debris
- Weed beds
- Large boulders
- Man-made objects

Maximum Stream Depth _____ Average Stream Width _____

Stream shading: Stream is -

- Fully exposed (0-24% of stream is shaded from the sun)
- Partially exposed (25-49%)
- Fully shaded (75-100%)
- Partially shaded (50-74%)

Streambank vegetation:

Trees (%) _____ Plants (%) _____ Bare soil (%) _____ Grass (%) _____
Shrubs (%) _____ Root mats (%) _____ Other (%) _____

Approximate width of vegetation: Left bank _____ Right bank _____

Is grass mowed down to the water's edge? Yes No

Land uses along stream section:

1. Farming: Pasture/Grazing Land Crops Woods
 Other (explain) _____

2. Urban areas: Homes Light manufacturing Heavy manufacturing
 Retail/Comm. Construction sites Parking lots

3. Other (explain) _____

Outfalls:

1. Are there any discharge pipes? No Yes Location: _____
2. Types of pipes: Sewage treatment Stormwater runoff
 Industrial (type) _____
 Drainage tile outlets Other _____
 Unknown
3. Description of odor associated with discharge pipes: _____
4. Condition of streambank at outlet site _____

Stream channel alterations: Dredging Channelization Fill None

Other (explain) _____

Structures or barriers in the stream:

- Dams Bridges Islands Waterfalls Log jams Sediment/sandbars
 Other (explain) _____

Litter in and around stream: No Yes Location: _____

- Paper and small trash _____% Cans and bottles _____%
 Tires, carts, etc. _____% Other _____

Verbal Site Description: Give visual description of stream, substrate, banks, riparian zone and adjacent land areas. Indicate what you think are current or potential threats to your stream's health. Are photographs of current or potential threats available? Yes No

Sketch of stream and significant features: Show pool-riffle areas, hydraulic structures (i.e. bridges, dams), areas of physical impacts point sources, gravel bars, islands etc. Describe width of riparian zone and adjacent land uses. Show dwellings, businesses, roadways, tributaries, and direction of stream flow.

