

Location:

Date:

Time:

Names:

Smelt Presence

1) Number of Eggs

- a. None
- b. 10s
- c. 100s
- d. 1,000s
- e. 10,000s
- f. Millions

2) Approximate size of egg bed

- a. Less than 10 square feet
- b. More than 10 square feet

3) Algae on eggs?

- a. Yes
- b. No

4) Number of Smelt

- a. None
- b. 10s
- c. 100s

Weather Conditions

5) Weather

- a. Clear
- b. Cloudy
- c. Rain
- d. Hazy/foggy

6) Tide Phase: _____

Stream Conditions

7) Water Depth (in feet): _____

8) Adjacent Land Type

- a. Agriculture
- b. Developed

- c. Forest
- d. Wetland

9) Stream Substrate Primary

- a. Boulder
- b. Cobble
- c. Gravel
- d. Sand
- e. Silt & Clay
- f. Vegetation

10) Stream Substrate

Secondary: _____

11) Stream Substrate

Tertiary: _____

12) Canopy Cover?

- a. 0-25%
- b. 26-50%
- c. 51-75%
- d. 76-100%

13) Easy public access to stream?

- a. Yes
- b. No

14) Is anyone fishing?

- a. Yes
- b. No

15) If yes, how many people are fishing? _____

16) Obstructions to fish passage?

- a. Culvert
- b. Low dam

- c. Natural falls
- d. Road bed

17) Do you see any eggs being eaten? If so, by what?

18) Stream Gradient

- a. Steep
- b. Medium
- c. Flat

Water Quality Measurements

19) Dissolved Oxygen: _____

20) Water Temperature: _____

21) Water pH: _____

22) Salinity: _____

23) Water Turbidity: _____

24) If turbid, can you determine the source?

- a. Tree tannins
- b. Silt from bank erosion
- c. Other? _____