**STREAM SURVEY DATA SHEET** (VSS 034D) - Item #8.3

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| APPLICANT |  | Application/Permit No. |  |

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| --- | --- | --- | --- | --- | --- |
| Stream |  | Tributary to |  | Watershed |  |
| County |  | Location |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Elevation from |  | to |  | Stocked Trout Stream |  | Yes |  | No |

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| --- | --- | --- | --- | --- | --- |
| Date of Survey |  | Weather during Survey |  | Preceding 24 hours |  |
| Temperature (C) | Air |  | Water |  | Time of Day |  |  |
| Water quality tested? |  | Yes |  | No |  | pH |  | Other analyses (specify ) |  |
| Method used in sampling: |  |
| Survey conducted by: |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Length | Average Width | Maximum Depth | Average Depth |
| Pool Size |  |  |  |  |
| Riffle Size |  |  |  |  |
| Flat Size |  |  |  |  |
| Total length of stream section which will be affected: (in feet) |  |  |
|  | Yes |  | No | Has stream been channelized? If yes, indicate sections ( ) |  |
|  | Yes |  | No | Do sections of the stream go dry during the summer? If yes, identify the sections ( ) |  |

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| Flow Stage1 |  | Amount of Stream Channel Occupied by Flow2 |  | Siltation Rate3 |  |
| Turbidity4 |  | Color5 |  | Aquatic Vegetation6 |  |  |

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| **Bank Stability** (%) | Highly Stable |  | Slightly Erodable |  | Moderately Erodable |  | Highly Erodable |  |
| **Fish Cover** (%) | Deep Pools |  | Rooted Aquatics |  | Overhanging Brush |  | Undercut Bank |  |
|  | Rock Ledges |  | Large Rocks |  | Debris in Stream |  | **Overall Rating**7 |  |

1 Flow Stage: A = above normal N = normal B = below normal

2 Stream flow: A = 75-100% B = 50-75% C = 30-50% D = 10-30% E = less than 10%

1. Siltation: H = heavy M = moderate S = slight N = none noticeable
2. Turpidity: 1 = clear 2 = slightly discolored 3 = murky 4 = muddy 5 = very muddy
3. Color: W = white Y = yellow L = light brown D = dark brown O = other (specify in comment section) 6 Aquatic vegetation: R = rooted E = emergent A = algae M = moss N = none
4. Overall rating: 1 = excellent 2 = good 3 = fair 4 = poor

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| **Bottom Type** (by %) | Sand |  | Organic Debris |  | Fine Gravel |  | Small Rubble |  |
|  | Bedrock |  | Muck, Silt & Clay |  | Coarse Gravel |  | Large Rubble |  |
|  | Boulders |  |  |

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| **INVERTEBRATES** | **VERTEBRATES** |
| Species | Abundance8 | Species | Abundance |
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**GENERAL COMMENTS**: (Please include any observations which describe the general condition of the stream; channelized sections; areas of intermittent flow; noted deviation of the stream location (as compared to that shown on the USGS map); and, any unusual or unnatural conditions relative to the stream.):

1. Abundance: 1 = abundant 2 = common 3 = rare