### Field Data Sheet for Level 1 Assessment: Visual Inspection

**Filter Strips and Swales**

- Inspector's Name(s): ________________________________
- Date of Inspection: ________________________________
- Location of the filter strip or swale: ____________________
  - Address or Intersection: ______________________________
  - Latitude, Longitude: ________________________________
- Date the filter strip or swale began operation: __________
- Size of the practice. Depth and length, if swale (ft.): __________
  - Area (ft. x ft.), if filter strip _________________
- Time since last rainfall (hr): _________________
- Quantity of last rainfall (in): _________________
- Rainfall Measurement Location: ____________________

Based on visual assessment of the site, answer the following questions and make photographic or video-graphic documentation:

1. Has visual inspection been conducted at this location before? □ Yes □ No □ I don’t know
   1. a) If yes, enter date: ________________________________
   1. b) Based on previous visual inspections, have any corrective actions been taken?
      □ Yes □ No □ I don’t know (If yes, describe actions in comments box)

2. Has it rained within the last 48 hours at this location? □ Yes □ No □ I don’t know

3. Does this swale or filter strip utilize pretreatment practices upstream?
   □ Yes □ No □ I don’t know (If yes, describe pretreatment practices in comment box)

4. Access
   4. a) Access to the swale or filter strip is:
      □ Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible
   4. b) If obstructed, the obstruction is (choose and provide comments):
      □ temporary and □ no action needed or □ action needed
      □ permanent and □ before or during installation or □ new since installation
   4. c) Access to the upstream and downstream drainage is:
      □ Clear □ Partially obstructed □ Mostly obstructed □ Inaccessible
   4. d) If obstructed, the obstruction is (choose and provide comments):
      □ temporary and □ no action needed or □ action needed
      □ permanent and □ before or during installation or □ new since installation
5. a) How many inlet structures are present? □ 0 □ 1 □ 2 □ 3 □ 4 □ 5 □ > 5
5. b) Are any of the inlet structures clogged? (If yes, mark location on site sketch above and fill in boxes below with items causing clogging (ie. debris, sediment, vegetation, etc.)

<table>
<thead>
<tr>
<th>Inlet #:</th>
<th>Inlet #:</th>
<th>Inlet #:</th>
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<tbody>
<tr>
<td>Partially</td>
<td>Completely</td>
<td>Not Applicable</td>
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5. c) Are any of the inlet structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

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<tr>
<td>Reason</td>
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6. Is there standing water in the swale or on the filter strip? □ Yes □ No
6. a) If yes, does the water have:
   □ Surface sheen (from oils or gasoline)
   □ Murky color (from suspended solids)
   □ Green color (from algae or other biological activity)
   □ Other (describe in comment box)

7. Is there evidence of illicit storm sewer discharges?
   □ Yes □ No □ I don’t know (if yes, describe in comment box)

8. What is the approximate percentage of vegetation coverage in the practice? ________ %
8. a) Does the current vegetation match the original design? □ Yes □ No □ Unknown
8. b) Is there the present of:
   □ Weeds
   □ Invasive vegetation
   □ None of the above
   □ Other, specify ______________________
8. c) Does the vegetation appear to be healthy? □ Yes □ No (if no, describe in comment box)
8. d) Is the vegetation the appropriate size and density? □ Yes □ No (if no, describe in comment box)

9. Are there indications of any of the following within the filter strip or swale? (If yes, mark on site sketch)
   □ Sediment deposition
   □ Erosion or channelization
   □ Excessive or undesirable vegetation (that needs mowing or removal)
   □ Bare soil or lack of healthy vegetation significantly different from the original design
   □ Litter or debris
   □ Other
   □ No
Biologically Enhanced Practices

9. a) If sediment deposition is evident, what is the source?
   □ Erosion or channelization inside the wet pond
   □ Erosion or channelization outside the wet pond
   □ Construction site erosion
   □ Other
   □ Unknown

10. Are there indications of any of the following on the banks of the swale:
   □ Erosion or channelization
   □ Soil slides or bulges
   □ Excessive animal burrows
   □ Seeps and wet spots
   □ Poorly vegetated areas
   □ Trees on constructed slopes
   □ Not applicable

11. Are any overflow or outlet structures clogged? □ No □ Partially □ Completely □ NA
11. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below.

<table>
<thead>
<tr>
<th>Outlet #:</th>
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<tbody>
<tr>
<td>Material</td>
<td></td>
<td></td>
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<tr>
<td>Partial or Comp.</td>
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11. b) Are any of the overflow structures askew or misaligned from the original design or otherwise in need of maintenance? (if yes, write in reason: frost heave, vandalism, unknown, etc.)

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12. Is there any evidence of any of the following downstream of the outlet structure?
   □ Sediment deposition □ Erosion or channelization □ Other □ No
12. a) If sediment deposition is evident, what is the source?
   □ Erosion or channelization inside the filtration practice
   □ Erosion or channelization outside the filtration practice
   □ Construction site erosion
   □ Other, Specify_________________________________________________________
   □ Unknown

13. Inspector's Recommendations. When is maintenance needed?
   □ Before the next rainfall
   □ Before the next rainy season
   □ Within a year or two
   □ No sign that any is required
12. Summarize the results of this inspection and write any other observations in the box below.

Summary and other observations