Field Data Sheet for Level 1 Assessment: Visual Inspection
Infiltration Basins and Trenches

Inspector's Name(s): ________________________________
Date of Inspection: ________________________________
Location of the infiltration practice: ________________________________
  Address or Intersection: ________________________________
  Latitude, Longitude: ________________________________
Date the infiltration practice began operation: ________________________________
Filter Size (ft. x ft.): ________________________________
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 infiltration practice 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 infiltration basin or trench 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

Comments: ________________________________
Infiltration Practices

5. Inlet Structures
   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.)

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<th>Inlet #:</th>
<th>Partially</th>
<th>Completely</th>
<th>Not Applicable</th>
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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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6. Is there standing water in the filtration practice? □ 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. Does the infiltration basin or trench smell like gasoline or oil? □ Yes □ No

9. What is the approximate percentage of vegetation coverage in the practice? ________ %

10. Are there indications of any of the following in the infiltration practice? (If yes, mark on site sketch)
    □ Sediment deposition that will significantly impede infiltration
    □ Erosion or channelization
    □ Bare soil or lack of healthy vegetation significantly different from the original design
    □ Litter or debris
    □ Standing water more than 48 hours after the end of the most recent runoff event
    □ Other
    □ No
    10. a) If sediment deposition is evident, what is the source?
        □ Erosion or channelization inside the infiltration practice
        □ Erosion or channelization outside the infiltration practice
        □ Construction site erosion
        □ Other
        □ Unknown
Infiltration Practices

11. Are there indications of any of the following on the banks of the infiltration basin or trench:
   □ Erosion or channelization
   □ Soil slides or bulges
   □ Excessive animal burrows
   □ Seeps and wet spots
   □ Poorly vegetated areas
   □ Trees on constructed slopes

12. Is the bottom of the infiltration basin or trench covered with a layer of silts and/or clays?
   □ Yes □ No

13. Are any overflow structures clogged? □ No □ Partially □ Completely □ NA
   13. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below.
      | Outlet #: | Outlet #: | Outlet #: |
      | Material   |           |           |
      | Partial or Comp. |       |       |
   13. 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.)
      | Outlet #: | Outlet #: | Outlet #: |
      | Reason     |           |           |

14. 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
15. Summarize the results of this inspection and write any other observations in the box below.

**Summary and other observations**