



UNIVERSITY OF MINNESOTA
**Stormwater Treatment:
 Assessment and Maintenance**

**Field Data Sheet for Level 1 Assessment: Visual Inspection
 Dry Ponds**

Inspector's Name(s): _____
 Date of Inspection: _____
 Location of the wet pond: _____
 Address or Intersection: _____
 Latitude, Longitude: _____
 Date the wet pond began operation: _____
 Wet pond dimensions. Depth (ft.): _____
 Area (ft. x ft.) _____
 Time since last rainfall (hr): _____
 Quantity of last rainfall (in): _____
 Rainfall Measurement Location: _____

Site Sketch (include inlets, outlets, north arrow, etc.)

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. Access
 3. a) Access to the dry pond is:
 Clear Partially obstructed Mostly obstructed Inaccessible
 3. 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
 3. c) Access to the upstream and downstream drainage is:
 Clear Partially obstructed Mostly obstructed Inaccessible
 3. 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

Sedimentation Practices

4. Inlet Structures

4. a) How many inlet structures are present? 0 1 2 3 4 5 > 5
4. 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.)

	Inlet #:	Inlet #:	Inlet #:	Inlet #:	Inlet #:
Partially					
Completely					
Not Applicable					

4. 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.)

	Inlet #:	Inlet #:	Inlet #:	Inlet #:	Inlet #:
Reason					

5. Is there standing water in the dry pond? Yes No

5. 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)

6. Is there evidence of illicit storm sewer discharges?

- Yes No I don't know (if yes, describe in comment box)

7. Are there indications of any of the following in the dry pond? (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

7. a) If sediment deposition is evident, what is the source?

- Erosion or channelization inside the dry pond
- Erosion or channelization outside the dry pond
- Construction site erosion
- Other
- Unknown

University of Minnesota

Comments

Sedimentation Practices

8. Are there indications of any of the following on the banks of the dry pond:

- Erosion or channelization
- Soil slides or bulges
- Excessive animal burrows
- Seeps and wet spots
- Poorly vegetated areas
- Trees on constructed slopes

9. Are any outlet or overflow structures clogged? No Partially Completely NA

9. a) If yes, specify the clogging material (i.e. debris, sediment, vegetation, etc.) in the box below.

	Outlet #:	Outlet #:	Outlet #:
Material			
Partial or Comp.			

9. b) Are any of the outlet or 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			

10. 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

University of Minnesota

Comments

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

Summary and other observations

