Appendix I-C
Engineer's Construction Inspection Report Form

ENGINEER'S CONSTRUCTION INSPECTION REPORT FORM

Project Name: _____

Project Number: _____

Location (address, or other): _____

_____

_____

_____

Stormwater Ponds (detention, infiltration, wetponds, etc.):

1. Type: _____

2(a). After pond construction, have infiltration tests and/or soil logs been completed? _____

_____

_____

2(b). Indicate test results and compare with design criteria (pre-construction soils information). Do the post-construction values indicate a need to modify system design? Explain. _____

_____

_____

_____

3. Outlet Type _____

4. Field verify orifices, weirs, overflow at correct elevation: (Y/N) _____

Comments: _____

5. Field verify orifices, weirs, etc. of correct size per design plans: (Y/N) _____

Comments: _____

6. Emergency Spillway at correct elevation, slope, width, adequately armored, etc. (Y/N)

Comments: _____

_____

7. As-built of pond volume verified based on field survey: (Y/N) _____

As-built volume at Max water elevation: _____Cubic Feet

8. Pond side slopes per design: _____

9. Pond landscaping completed per design: _____

_____

10. Pond inlet pipes and swales adequately armored:_____

_____

11. Pond outlet pipe is adequately armored to prevent erosion: _____

_____

12. Amended soils placed per design (if applicable): _____

_____

Water Quality Treatment Facility:

1. Facility dimensions (width, length, depth, slope, etc.) per plans based on field survey:

Comments: _____

_____

_____

2. Level spreaders constructed per plan and field verified: (Y/N) _____

3. Amended soils meet specifications and placed per plans and specifications:

(Y/N) _____, Depth of amended soil: _____ inches. Comments: _____

_____

4. Swale bottom sodded and sideslopes seeded per design seed mix: (Y/N):_____

Comments: _____

_____

5. Plantings installed per planting plan (quantity, type and quality): (Y/N): _____

_____

6. Grass established and growing (swale bottom & slopes) _____

_____

Conveyances

1. Channels properly graded, sloped, planted, etc. _____

_____

_____

2. Storm sewers are at proper grade, inlets as designed, trenches as designed, pipe bedding properly prepared, backfilling procedures correct, materials as specified, etc. _____

_____

_____

Dispersion & Post-Construction Soil Quality/Depth:

1. Have all required disturbed areas had amended soils placed of the type and amount required: (explain)
_____

_____

_____

2. Are areas designated for stormwater dispersion undisturbed and protected from encroachment by signage and fencing as required: _____

_____

3. Have disturbed areas of native vegetation required to remain undisturbed been replanted and restored per Best Management Practices: _____

_____

_____

4. Are level spreaders and rock dispersion pads in place and functioning correctly: _____

_____

_____

5. Inspect dispersion areas and verify that no short circuiting, channeling, etc. is occurring to prevent sheet flow treatment of stormwater: _____

_____

Roof Leaders:

1. Do roof leaders drain to infiltration trenches, drywells or rain gardens as shown on the plans (if applicable). _____

2. If roof drain dispersion is used, do splash blocks direct roof runoff to amended soils, do contributing areas of different roof drains meet convergence criteria and is there adequate dispersion length through native vegetation or amended soils as required by Best Management Practices? _____

_____

_____

_____

Erosion Control:

1. Describe erosion temporary erosion and sediment control measures used during project construction: _____

_____

_____

2. Describe temporary erosion and sediment controls remaining in place pending full site stabilization: _____

_____

_____

_____

3. What final site stabilization still needs to occur prior to removing final temporary erosion and sediment control facilities: _____

_____

_____

_____

4. During construction were there any discharges of sediment laden waters to water bodies, wetlands or to adjacent properties? If so, what measures were taken to mitigate impacts: _____

_____

_____

_____

5. Are permanent erosion control measures in place and as designed? _____

_____

_____

Signature and Seal:

I or someone under my direct supervision have adequately inspected the project during construction and to the best of my knowledge the project was built according to the approved plans and specifications except as noted above.

Signature/Date: _____