Rain Gardens Design Review Check List 6/19

Applicant: ____________________________________ Date: _________________________________
Submitted By: ________________________________ Project Location: _______________________

1) Drainage Area (DA) ____________SF
2) How much of the DA is Impervious Surface _________% and ______________SF (if soil quality restoration is done or if soils investigations indicate green space is capable of absorbing the WQv the green space can be eliminated from the DA for WQv calculation. If neither applies, assume ½ of the green space is equivalent to impervious surface.)
3) Has Soil Quality Restoration been done on the green space in the DA? ____Yes _____ No
4) If not, what was the size of the DA used to size the Rain Garden ____________SF
5) Discuss soils investigation findings (i.e. soil type, texture, structure, depth to water table, etc)________________________________________________________________ _________________
   Percolation rate_________ inches/hour
6) Ponding Depth ________________ inches
7) Factor used for sizing the rain garden ________ (from page 8 of the RG Manual).
8) Surface Area of the Rain Garden ________________SF
9) Describe any pretreatment techniques provided (what practice(s) were used, how were things sized, etc)
   _________________________________________________________________________________________________
10) Does the Rain Garden have amended soil? _____Yes _____No
11) If yes, describe the depth and type of amendments:
    a. ___________inches of sand
    b. ___________inches of topsoil
    c. ___________inches of compost
12) Quantities (please attach a copy of materials calculations):
    a. sand ___________tons;
    b. compost ___________ tons or CY
    c. shredded hardwood mulch ___________ CF or _______ CY
13) Describe overflow (i.e. stand pipe, notch in berm, etc)______________________________________________
14) Spacing of plants ___________
15) Size of plants ___________
16) Quantity of plants ___________ (Please attach a plant list and planting plan)
17) If seeding was done describe type and quantity of seed used and the rate that was applied (i.e lbs/ac or per 1,000 SF ________________________________________________________________________________________________
18) Separation distance from nearest foundation ______. If less than 10 ft describe water proofing methods______________________________________________________________
19) Please describe the Erosion and Sediment Control measures employed if the drainage area is not stabilized or the rain garden is not planted and stabilized immediately:
   ________________________________________________________________________________________________
20) Please attach a map of the drainage area.
21) Please attach a plan view, profile and cross sectional drawing

FOR REVIEWERS USE ONLY

☐ Design appears to comply with the standards in the Iowa Rain Garden Design Guide
☐ Design does not appear to comply with the standards in the Iowa Rain Garden Design Guide
Comments: ______________________________________________________________________________________
Name of Reviewer: __________________________________________ Date: _____________________
Signature: ______________________________________________________________________________________