



STORMWATER DETENTION STRUCTURES – Certification Form

Submit Inspection Form within 30 days of Due Date

BASIN/PROPERTY OWNER: _____

BASIN/STRUCTURE ADDRESS: _____

BASIN/STRUCTURE RESPONSIBLE PARTY: _____

PHONE NO. & EMAIL OF RESPONSIBLE PARTY: _____

BASIN/STRUCTURE NUMER: _____

CERTIFICATION COMPLETED BY: _____

KANSAS P.E. LICENSE NUMBER: _____

* Certification of basins are required every three (3) years (by Professional Engineer Licensed in Kansas or Landscape Architect.

Inspection Checklist

CIRCLE "YES" OR "NO" FOR ALL ITEMS BELOW

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| A. HAS DEBRIS OR TRASH ACCUMULATED IN BASIN OR STRUCTURE? | YES | NO |
| B. ARE NOXIOUS WEEDS PRESENT THAT PREVENT THE DESIRED VEGETATION FROM GROWING PROPERLY? | YES | NO |
| C. IS THERE EXPOSED SOIL NOT COVERED WITH VEGETATION, MULCH OR OTHER NONERODABLE MATERIAL? | YES | NO |
| D. IS ALGAE OR STAGNANT MOISTURE PRESENT IN BASIN OR STRUCUTRE? | YES | NO |
| E. ARE UNPLEASANT ODORS EMERGING FROM BASIN OR STRUCTURE? | YES | NO |
| F. HAS SEDIMENT ACCUMULATED IN BASIN OR STRUCTURE? | YES | NO |
| G. IS SOIL EROSION PRESENT ALONG STANDING OR MOVING SURFACE WATER? | YES | NO |
| H. IS SOIL EROSION PRESENT AT BASIN SIDES, INLET, OR OUTLET? | YES | NO |
| I. ARE HOLES PRESENT FROM ANIMALS OR UNDESIRABLE SOIL LOSS? | YES | NO |
| J. ARE WET OR SOGGY AREAS PRESENT THAT PREVENT DESIRED VEGETATION FROM GROWING? | YES | NO |
| K. IS RUNOFF ENTERING OR LEAVING THE BASIN OR STRUCTURE IN A MANNER THAT PREVENTS PROPER FUNCTION OF ITS INFLOW OR OUTFLOW SYSTEMS? | YES | NO |
| L. DOES FLOW OUT OF BASIN OR STRUCTURE OCCUR IN A MANNER THAT CREATES EROSION OR DAMAGE TO ADJACENT PROPERTY? | YES | NO |
| M. ARE THE BASIN OR STRUCTURE FUCNTIONS IMPAIRED? | YES | NO |
| N. OTHER ITEMS AND COMMENTS: | YES | NO |
| O. CORRECTIVE MEASURES FOR ALL YES ANSWERS ABOVE | YES | NO |

CERTIFICATION INSPECTOIN – Every three (3) years

By Kansas Licensed Engineer/Landscape Architect Checklist

1. ASSESSMENT OF ANY PUMP, PIPE, RIPRAP, AND STRUCTURES PRESENT:

(i.e. – IS THERE A NEED FOR REPLACEMENT OR MAINTENANCE OF BASIN OR STRUCTURE COMPONENTS?)

2. GENERAL ASSESSMENT OF THE BASIN OR STRUCTURE:

(i.e. – DOES THE BASIN OR STRUCTURE APPEAR TO FUNCTION PROPERLY? MODIFICATIONS RECOMMENDED FOR IMPROVED FUNCTION)

3. ASSESSMENT OF BASIN OR STRUCTURE ELEVATIONS:

(i.e. – ARE CRITICAL INFLOW, OUTFLOW, OVERFLOW PATHS AND ELEVATIONS UNCHANGED FROM THE AS-BUILT PLANS? NOTE: THE ELEVATION REASONABLENESS CHECK IS INTENDED TO BE A VISUAL CHECK FOR LARGE ACCUMULATIONS OF SEDIMENT OR BASIN MODIFICATIONS AND NOT A REQUIREMENT FOR A SURVEY.)

4. ASSESSMENT OF BASIN OR STRUCTURE VOLUMES:

(i.e. – IS THERE EVIDENCE OF BASIN CHANGES AFFECTING THE STORAGE VOLUME FROM THAT SHOWN ON THE AS-BUILT PLANS? NOTE: THE VOLUME REASONABLENESS CHECK IS INTENDED TO BE A VISUAL CHECK FOR LARGE ACCUMULATIONS OF SEDIMENT OR BASIN MODIFICATIONS AND NOT A REQUIREMENT FOR A SURVEY.)

5. ASSESSMENT OF REQUIRED VEGETATION AND PLANTINGS:

(I.E. – REQUIRED PLANTINGS NEED TO BE AT 80% COVERAGE FOR CERTIFICATION OF FULL FUNCTIONALITY. PLANTING SEASON IS GENERALLY BEST SCHEDULED FOR EARLY SPRING.)

6. OTHER ITEMS AND COMMENTS:

7. CORRECTIVE MEASURES NEEDED AND RECOMMENDED/PROPOSED SCHEDULE:

(This can be turned in as preliminary information if an extension is requested.)

INSPECTED BY _____ DATE _____