



**STORMWATER DETENTION – Certification Form**

Submit form by October 1<sup>st</sup>

**PROPERTY OWNER:** \_\_\_\_\_

**BASIN/STRUCTURE ADDRESS:** \_\_\_\_\_

**BASIN/STRUCTURE RESPONSIBLE PARTY:** \_\_\_\_\_

**PHONE & EMAIL OF RESPONSIBLE PARTY:** \_\_\_\_\_

**BASIN/STRUCTURE NUMBER:** \_\_\_\_\_

**CERTIFICATION COMPLETED BY:** \_\_\_\_\_

**KANSAS P.E. LICENSE NUMBER:** \_\_\_\_\_

\* Certification of basins is required every 3 years, by a Professional Engineer.

**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 STRUCTURE?   | 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 IS THERE UNDESIRABLE SOIL LOSS?  | YES | NO |
| J. | ARE THERE WET OR SOGGY AREAS PRESENT THAT PREVENT VEGETATION FROM GROWING?   | YES | NO |
| K. | IS RUNOFF ENTERING OR LEAVING THE BASIN OR STRUCTURE IN A MANNER THAT PREVENTS PROPER FUNCTION OF 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. | IS THE BASIN OR STRUCTURE FUNCTION IMPAIRED?   | YES | NO |
| N. | OTHER ITEMS AND COMMENTS:  | YES | NO |
| O. | CORRECTIVE MEASURES FOR ALL YES ANSWERS ABOVE  | YES | NO |

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**CERTIFICATION FOR CAPACITY (Functioning as Designed)**

**By Kansas Licensed Engineer**

**1. ASSESSMENT OF PUMP, PIPE, RIPRAP OR STRUCTURES:**

IS THERE A NEED FOR REPLACEMENT OR MAINTENANCE OF BASIN OR STRUCTURE COMPONENTS?

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**2. GENERAL ASSESSMENT OF THE BASIN OR STRUCTURE:**

DOES THE BASIN OR STRUCTURE APPEAR TO FUNCTION PROPERLY? ARE MODIFICATIONS RECOMMENDED FOR IMPROVED FUNCTION?

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**3. ASSESSMENT OF BASIN OR STRUCTURE ELEVATIONS:**

HAVE CRITICAL INFLOW, OUTFLOW, OVERFLOW PATHS AND ELEVATIONS CHANGED FROM THE AS-BUILT PLANS? NOTE - THE ELEVATION ASSESSMENT IS A VISUAL CHECK FOR ACCUMULATION OF SEDIMENT OR BASIN MODIFICATIONS, A SURVEY IS NOT REQUIRED FOR CERTIFICATION.

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**4. ASSESSMENT OF BASIN OR STRUCTURE VOLUMES:**

HAVE BASIN CHANGES AFFECTED THE STORAGE VOLUME FROM THE AS-BUILT PLANS? NO SURVEY REQUIRED.

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**5. ASSESSMENT OF REQUIRED VEGETATION AND PLANTINGS:**

VEGETATION AND PLANTINGS NEED TO HAVE 80% COVERAGE FOR CERTIFICATION.

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**6. OTHER ITEMS AND COMMENTS:**

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**7. CORRECTIVE MEASURES NEEDED/RECOMMENDED & PROPOSED SCHEDULE:**

PROVIDE A TIMELINE FOR EACH CORRECTIVE MEASURE – 1 MONTH, 2 MONTHS, 3 MONTHS, ETC.

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INSPECTED BY \_\_\_\_\_ DATE \_\_\_\_\_

\* 2021 PICTURES – Submit two (2) pictures of each basin/structure. If repairs or maintenance is recommended, submit at least one (1) picture of each issue noted on #7 above.