



Stormwater Detention Structures - Inspection Checklist

RETURN CHECKLIST WITHIN 30 DAYS OF DUE DATE

If you have any questions regarding the checklist, please call the City of Shawnee's Stormwater Group at (913) 742-6292 or email: stormwater@cityofshawnee.org.

Basin/Property Owner: _____
 Basin/Structure Responsible Party: _____
 Basin/Property Address: _____
 Phone Number of Responsible Party: _____
 Inspection Date: _____
 Phone Number: _____ Email Address: _____

The basin Property Owner does not complete an annual inspection report when the 3rd Year Inspection is due. The basin Property Owner must coordinate a 3rd year Inspection to be completed entirely by a professional engineer licensed in the State of Kansas.

The basin Property Owner must complete ONLY the "Annual Inspection Items" below and sign this on the back for all years between 3rd Year Inspections.

Annual Inspection Items

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

- 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: _____
- O. CORRECTIVE MEASURES **FOR ALL YES ANSWERS ABOVE:**

Responsible Party _____ **Date** _____

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.)
