



Stormwater Treatment Facility (STF) Inspection Checklist

THIS IS NOT A CERTIFICATION.
RETURN CERTIFICATION WITHIN 30 DAYS OF DUE DATE

If you have any questions regarding the checklist or certification, please call the City of Shawnee's Stormwater Group at (913) 742-6009.

Property Owner: _____

Structure Responsible Party: _____

Structure/Property Address: _____

Phone Number of Responsible Party: _____

Structure Type (circle choice or write in below):

Rain Garden; Bioretention; Bioswale; Infiltration Basin/Trench; Porous Pavement; Extended Detention Wetland; Sand Filter; Wetland Swale; Extended Wet Detention Basin; Native Vegetative Swale; Extended Dry Detention Basin; Turf Swale; Propriety Media Filtration; Hydrodynamic Separation; Catch Basin Insert; Baffle Box; Oil/Grit Separator

Other: _____

Inspection Date: _____

The STF/Property Owner does not complete an annual inspection report. STF/Property Owner must coordinate an annual inspection to be completed entirely by a professional engineer/landscape architect licensed in the State of Kansas.

The following items are simply a guideline for inspection of the stormwater treatment facility. Final certification must be completed and sealed ONLY by a professional engineer/landscape architect licensed in the State of Kansas.

Annual Inspection Checklist

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 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 UNDESIRABLE SOIL LOSS?.....YES NO
- J. ARE WET OR SOGGY AREAS PRESENT THAT PREVENT DESIRED VEGETATION FROM GROWING OR ALLOWING FOR REQUIRED INFILTRATION?.....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 FUNCTIONS IMPAIRED?.....YES NO
- N. OTHER ITEMS AND COMMENTS: _____
- O. CORRECTIVE MEASURES FOR ALL YES ANSWERS ABOVE:

Annual (STF) Inspection Checklist Continued

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 SCHEDULE:
