



Wichita/Sedgwick County Stormwater Facility Inspection & Maintenance Guidance Vegetative Filter Strips



Regular inspection and maintenance is critical to the effective operation of this stormwater management facility so that it can function as designed. In the City of Wichita and Sedgwick County, local regulations (City of Wichita Code Chapter 16.32 and Sedgwick County Resolution 196.10) require that property owners maintain all stormwater facilities on their properties to ensure they are fully functioning to treat and control stormwater runoff, and to document facility inspections and maintenance activities. This documentation must be kept by the property owner and must be made available to Stormwater Management staff upon their request.

This page provides guidance on inspection and maintenance activities that must be performed for vegetative filter strips. Some facilities may have more, or less, frequent maintenance needs, depending upon a variety of factors including the occurrence of large storm events, overly wet or dry (i.e., drought) regional hydrologic conditions, and any changes in the land (e.g., development, landscaping, etc.) that drains to the facility.

Inspection Activities	Suggested Schedule
<ul style="list-style-type: none"> • Inspect gravel diaphragm for clogging (i.e., standing water or sediment build-up). • Inspect vegetation for signs of erosion or un-vegetated areas. • Inspect to ensure that grass has established. • Inspect general flow paths to determine if runoff discharges into and across the filter strip in an unchannelized fashion. 	<p>Annually (Semi-annually first year)</p>
Maintenance Activities	Suggested Schedule
<ul style="list-style-type: none"> • Maintain a dense, healthy stand of grass and other vegetation by frequent mowing. Grass heights of 3 to 5 inches should be maintained, with a maximum grass height of 8 inches. 	<p>Regularly (frequently)</p>
<ul style="list-style-type: none"> • Repair areas of erosion and re-vegetate. • Re-vegetate as needed to maintain healthy vegetation. • Remove sediment build-up. 	<p>As needed</p>

The inspection checklist that is presented on the next page is provided to guide and document inspection and maintenance activities. Please use this checklist or other form(s) of maintenance documentation when and where deemed necessary in order to ensure the long-term proper operation of the stormwater management facility.

For more information on the maintenance of your stormwater facility, please contact:

**City of Wichita Stormwater Management, 455 N. Main 8th floor Wichita KS. 67202, (316) 268-4498
or Sedgwick County Stormwater Management, 1144 S. Seneca Wichita KS. 67213, (316) 383-7901**



Wichita/Sedgwick County Vegetative Filter Strip Inspection Checklist



Project Name: _____ Project #: _____

BMP Name/ID (as shown on the O&M Plan): _____

Refer to the Operations & Maintenance Plan for this property to get the information requested in this box. The Operations and Maintenance Plan for this property is recorded with the Sedgwick County Register of Deeds.

Property Owner Name: _____

Property Address: _____

Owner Phone #: _____ Owner Email Address: _____

Owner Change since last inspection? Y N

Inspection Date/Time: _____

Weather and Site Conditions (last rainfall date, dry/wet soil, etc.): _____

Inspection Items	Condition*	Comments/Corrective Action
*Note - Condition should be marked as Satisfactory (S) or Unsatisfactory (U). An explanation of corrective actions must be provided for all items marked as Unsatisfactory. The completion date of any corrective actions taken must also be documented.		
Inspect the vegetative filter strip area. The location of inspection areas/elements should be noted on the O&M Plan for the facility.		
1. Does the vegetation appear to be healthy and adequately covering filter strip? Yes = Satisfactory		
2. Are there signs of soil erosion? Yes = Unsatisfactory		
3. Does the gravel diaphragm appear to be clogged? Yes = Unsatisfactory		
4. Are there signs of sediment build-up behind level spreader? Yes = Unsatisfactory		
5. Are there signs of sediment build-up in the filter strip? Yes = Unsatisfactory		
6. Other (describe)?		



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Inspection Items	Condition*	Comments/Corrective Action
Identify any potential hazards to humans or the environment.		
7. Have there been complaints from residents? Yes = Unsatisfactory		
8. Are there any other public hazards that should be noted? Yes = Unsatisfactory		

By signing my name below, I certify that the information submitted in this document (and all attachments) is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are penalties for knowingly submitting false information, including the possibility of regulatory violations and associated fines.

Inspected by (Name): _____

Inspected by (Signature): _____