**Stormwater Control 5-Year Inspection Guidelines**

To meet the requirements of Ohio EPA General Stormwater Permit the City of Wooster will be requiring the inspection of all permanent stormwater controls once every five years by a professional engineer familiar with stormwater management and controls in addition to the Owner annual inspections. The attached engineering certification and required additional information shall be provided to the City of Wooster the sixth year after construction and every five years thereafter for all permeant stormwater controls. Stormwater controls constructed prior to 20xx shall be required to provide their initial five year inspection and documentation by 20xx

The following documentation shall be required to be submitted with the engineering certification if not currently on file with the City.

1. Plans and stormwater calculations. Currently the City has records for most stormwater controls available but not for all of those identified.
2. A recorded Stormwater Inspection and Maintenance Agreement between the City and the Owner or instrument number if already recorded with the Wayne County Recorder’s Office.
3. Stormwater Maintenance Plan addressing all stormwater controls on the site if not already on file with the City and provided to the Owner.
4. Engineer inspection report for each stormwater control on the site. The format of the report is at the discretion of the inspecting engineer or their firm. The report will vary based upon the type and size of the control.
5. Key items that should be addressed including but not limited to;
	1. Photo documentation of inlets, outlets control structure, and overall stormwater control.
	2. Condition of inlets, outlets, headwalls, structures, overflows, orifice and orifice size, embankments, protective vegetation, soil armor, etc.
	3. Verification of critical elevations such as outlets, outlet windows, orifices, emergency overflows, embankment crest, etc.
	4. Storage capacity and need for sediment removal if sedimentation accumulation is a possibility, especially for wet basins.
	5. Presence of invasive plant species such as cattails, animal tunnels, trees or rooting within the control.
	6. Implementation of effective maintenance practices, control free of debris and inlet and outlet storm lines are clear.
	7. Indications of erosion or need for modifications to prevent erosion.
	8. Appropriate vegetation maintenance and selection, especially for bio-retention stormwater controls
	9. List of repair or maintenance items to be addressed by the Owner
	10. When possible, observation of the control(s) during a significant rainfall event.

Should a stormwater control need extensive repairs or maintenance, the inspecting engineer shall provide a letter to the City indicating extent of the needed repairs and that the control is in non-compliance along with the inspection reports. The Owner will need to provide a repair schedule to the City and implement the schedule within a timely manner. Once the repairs are complete the inspecting engineer can perform a final inspection and issue the Engineering Inspection Certification.

**STORMWATER CONTROL ENGINEERING CERTIFICATION**

Site Name:  **<Enter Site Name>**

Site Address:  **<Enter Address>**

  **<Enter Address>**

Parcel Number:  **<Enter Parcel Number>**

Maintenance Agreement Instrument No:  **<Enter Instrument Number>**

Number of SCM Inspection Report(s) Attached:  **<Number of SCMs>**

I,  **<Enter Engineer’s Name>** being a Registered Professional Engineer in Ohio familiar with stormwater management and control, do hereby certify to the best of my knowledge and belief:

1. Based upon personal observation, field surveys and measurements, physical inspection and applicable interviews that the permanent stormwater control measures inspected as part of the above referenced site; have been adequately maintained, are functioning as originally intended and have not been altered or modified in accordance with the original design plans.
2. Any deficiencies noted in the attached inspection report(s) have been addressed to meet or exceed the requirements of the original design.
3. Inspection and maintenance responsibilities associated with the permanent stormwater control measures implemented on this site have been reviewed with the Owner and a Stormwater Maintenance Plan, which is on file with the City of Wooster, has been provided containing the needed information to fulfill their obligations.

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| **Professional Engineer** |
| Name:  **<Enter Engineer’s Name>** | **ENGINEER’S****SEAL** |
| Signature: |
| Date:  **<Enter Date>** |
| License No.:  **<Enter Engineer’s License Number>**  |
| Firm:  **<Enter Firm’s Name>** |
| **Owner or Authorized Representative** |
| Name:  **<Enter Owner/Agent’s Name>** |
| Signature: |
| Title:  **<Enter Owner/Agent’s Title>** |